



Daffodil
International
University

DAFFODIL INTERNATIONAL UNIVERSITY

Course Title: - CIS-499

Project Title: - Restaurant Management System

Course Name: - Project (Phase II)

ASSIGNMENT ON

Submitted To

**Mr. Md. Minhaj Hosen (Project Supervisor)
Department Of Computer Information System**

Submitted By

**MD. Mahedi Hasan
ID: 191-16-437
Department of CIS**

Submitted Date:

2/11/2020

APPROVAL

This Project titled “**Restaurant Management System**”, Submitted by **MD. Mahedi Hasan**, ID No: **191-16-437** To the Department of Computing & Information Systems, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computing & Information Systems and approved as to its style and contents. The presentation has been held on 19-07-2020.

Board of Examiners



Mr. Md Sarwar Hossain Mollah

Chairman

Assistant Professor and Head

Department of Computing & Information Systems

Faculty of Science & Information Technology

Daffodil International University



Ms. Nayeema Rahman

Internal Examiner

Sr. Lecturer

Department of Computing & Information Systems

Faculty of Science & Information Technology

Daffodil International University



Mr. Minhaj Hosen

Internal Examiner

Lecturer

Department of Computing & Information Systems

Faculty of Science & Information Technology

Daffodil International University



Dr. Saifuddin Md. Tareeq

External Examiner

Professor

Department of Computer Science and Engineering

Dhaka University, Dhaka

Acknowledgement

First of all, I acquaint gratitude to gratefulness ALLAH for protecting us and bloomy till complete the whole project in the current condition.

Then, I acquaint gratitude to my respectable official course supervisor **Mr. Md.**

Minhaj Hosen sir for his expensive time, inspiration, motivational speech, friendly behavior, unremitting endurance, special consultation and provide necessary intimation which are related to the project and I have complete this project in a magnificent system.

Finally, I have finished the documentation in keeping with the similarity of submitted proposal. In this case, always I tried to accomplish around all of the necessity in my project.

Declaration

Here I announced the project has been complete by me and responsibility of supervision Mr. Md. Minhaj Hosen, Lecturer of the department of CIS at Daffodil International University. Also I announce that this project and even no section have been submitted at anywhere like diploma, degree or to identify the other qualifications.



Mr. Minhaj Hosen

Lecturer

Department of Computing & Information Systems

Faculty of Science & Information Technology

Daffodil International University

Internal Examiner

Dedicated

**Dedicated
to
My Beloved Parents**

Abstract

Online Restaurant Management systems are progressive business and day by day this business popularity has been raise. The business man mainly focusing on the customer's satisfaction that's why they are create the website by the highly skilled developers and also this system will be manageable by computer. Customers will be able to order their favorite food items from the menu. If the customers want then they can order their food items at any time from anyplace. At first, customer has to fill their information for registration. The project system is online based and it will provide various advantages for customers like customers select their favorite food, conservation tables etc. The database system provides high security because data and information will be kept here. Wherein, from the system defective any kind of data or information will be almost impossible.

Contents

APPROVAL	ii
Board of Examiners	ii
Acknowledgement	iv
Declaration	v
Dedicated	vi
Abstract	vii
1. Introduction	1
2. Elementary Study	2
2.1 Project Background	2
2.2 Aims of Project	3
2.3 Objectives of Project	3
2.4 Project Opportunity	4
2.5 Problem Area of current Project	4
2.6 Problem Solution	5
3. Ecommerce Business	6
3.1 Discussion on Ecommerce Business	6
3.2 Examples of Ecommerce Business	6
3.3 Types of Ecommerce models	7
• 3.3.1 Business to Business (B2B):	7
• 3.3.2 Business to Customer (B2C):	7
• 3.3.3 Customer to Business (C2B):	7
• 3.3.4 Customer to Customer (C2C):	7
3.4 Problem and Solution of Ecommerce Domain	7
• 3.4.1 Trustworthiness:	7
• 3.4.2 Delivery issue:	8
• 3.4.3 Quality Issues:	8
• 3.4.4 Online payment failure:	9
• 3.4.5 Lack of security:	9
4. Feasibility Study	10
4.1 Introduction:	10
4.2 Technical feasibility:	10

4.3 Operations feasibility.....	10
4.4 Economic Feasibility:.....	11
5. Foundation:	11
5.1 Introduction:.....	11
5.2 Questionnaires Technique:	12
5.3 Observation Technique:	13
6. Development	13
6.1 Development of the System:.....	13
6.2 Justification for the method:	14
6.3 Sections of Methodology:	15
• 6.3.1 Analysis:	15
• 6.3.2 Design:	15
• 6.3.3 Implementation:.....	15
• 6.3.4 System Testing:	16
• 6.3.5 System Deployment:	16
• 6.3.6 System Maintenance:	16
7. Exploration	16
7.1 Introduction:.....	16
7.2 Use Case Diagram:	17
7.3 Initial Class Diagram:.....	19
7.4 Details Class Diagram:.....	20
7.5 Order Activity Diagram:.....	21
7.6 Order Sequence Diagram:	22
7.7 Requirements:	23
7.7.1 Functional Requirements:	23
7.7.2 Non- Functional Requirements:.....	23
7.7.3 Web Application System:	24
8. System Interface	24
9. Testing	32
9.1 Introduction:.....	32
9.2 Test Planning:	32
9.3 Functional Testing:.....	32
9.3.1 Unit Testing.....	32

9.3.2 Integration Testing	32
9.4 Non-Functional Testing:	33
9.4.1 Acceptance Testing	33
9.4.2 Compatibility Testing	33
9.4.3 Accessibility Testing	33
9.4.4 Security Testing.....	33
9.5 Test Case:	33
9.5.1 Test case for unit Testing – 1	33
9.5.2 Test case for unit Testing – 2	34
9.5.3 Test case for unit Testing – 3	36
9.5.4 Test case for Integration Testing – 1.....	37
9.5.5 Test case for Integration Testing – 2.....	38
9.5.6 Test case for Acceptance Testing.....	39
9.5.7 Test case for Compatibility Testing.....	40
9.5.8 Test case for Security Testing – 1.....	41
9.5.9 Test case for Security Testing – 2.....	42
10. Implementation	43
10.1 Choose of Programming Language:	43
11. Strength and Weakness of the System	44
11.1 Strength of the system:.....	44
11.2 Weakness of the system:	44
12. Conclusion	45
Bibliography	46
15. Appendices	48
15.1 User Guide.....	48
15.2 Admin Guide.....	53
16. System Code	59
17. Plagiarism Report	91

1. Introduction

When anyone wants to develop a system, firstly that person checked the current system and picked up some data which will be related with new system because it is essential to explore the arrived system. I start to an investigation on various restaurant when I design to create an online restaurant management system then I notice that, how some of the restaurant association are running their business. Also I found out, how they are kept the customers details, staff details, order details etc. I will explain some of the intimation, issues and solution in this section that are related with this project and are much more likely to happen into this project. Immediately, my main goal will be to implement the objectives and goals into the project by following specific processes, efficiencies, strategies and possibilities.

2. Elementary Study

2.1 Project Background

Worldwide, the restaurant business is one of the leading businesses in providing ready-made food for customers. Based on everyday work they have to set aside time for certain tasks which is very annoying. I am working to create a kind of system which will instinctively modify the everyday operation of the restaurant. It will be time consuming for the management staff of the restaurant. The system will provide all of the advantage which is necessary for the restaurant management staffs and customers. The management staffs can easily manage staff details, food details, payment method and other works which will be created by the customers like customer's details, customers' orders and customer's comments. Through the system, the restaurant management staff provides services such as online menu chart; also through the online the customers provide the own information, food ordering and provide total amount of food items which has been orders by the bkash payment system. The menus of different food items that will be provided by the restaurant will be shown in different categories. Whenever customer orders an item, they will be able to see the recipe of that item also. The system will change all the previous paper works that had been made before and made all the data digitalized and kept them all in digital system. In this system, there will be two types of ordering system, one will be for dine in orders and another one will be for take away orders which will be able to create any time and any place except inside the restaurant. They have to give their information as per the rules of the restaurant in the system. They can do registration through online on the restaurant's website. Customers must have to do registration for take away orders to avoid the fake orders because it is helpful for the management staff.

2.2 Aims of Project

One of the monumental goals of my project that is computerized all part of the schema that has been happened in the restaurant. There will be a database system where the important information will be hidden safely except any kind of losing. if the information is lost than intimation can be easily rescue from the backup system.

- ✚ The main goal of this project is to create restaurant management software that will save time between both the customer and the restaurant management staffs.
- ✚ The system will ensure better control over the all the tasks that have been made in restaurant.
- ✚ The system will provide monthly reports which will help the owner of the restaurant to calculate the earnings and the costs of the restaurant which will help to analyze if they are spending in right way or not.
- ✚ All the reports will be generated from all the data which will help the manager to make suitable decisions for doing the restaurant business.
- ✚ Suitable business decision for the restaurant.

2.3 Objectives of Project

- ✚ It will expedite conversation between restaurant management staff and customers. The restaurants will improvement proficiency through the system.
- ✚ Customers can take the decision for orders after scene the menu by the system.
- ✚ By the system owner will know about the business like staff attendance, customer orders and store details etc. even the management staff not present into the restaurant.
- ✚ To ensure the booking, owners will be able to login as admin.

- ✚ The Admin will be able to input information about Restaurants and its Items.
- ✚ It will minimize paper based works as soon as possible.

2.4 Project Opportunity

For Admin:

- ✚ Admin can view, add, update and delete food menus.
- ✚ Admin can view, add, update and delete categories.
- ✚ Admin can view orders list and delivery time.
- ✚ Admin can view the reports such as monthly, weekly basis.

For Customers:

- ✚ Customer can view food menu and food details.
- ✚ Customer can view highest foods orders and previous order history
- ✚ Customer can order foods through online from the anywhere. They can also order from dine in. In this case there will be no need to wait for waiter to give order. The order will be directly sent to the kitchen staff.
- ✚ The registered customer will get food suggestion based on their activities
- ✚ The registered customer can give review and comments over the food item.

2.5 Problem Area of current Project

At present time, the restaurant business are playing a vital role in our diurnal lives because peoples of the modern time specially youth generation likes to eat several flavors and food that are not available at home. The kind of food the customer wants is available in the restaurant, so customers are leaning more towards the restaurant. That's why the sales of restaurants have reached a higher peak and other peoples want to run a restaurant business. As a matter of fact, the restaurant authorized suffers many problems for their business like sales, cost and customers complain etc. but the restaurant staffs don't know about this matter.

The most important problem is the maximum customers don't want to bring the foods from restaurant but they want to order their beloved food items through online. In that case, the restaurant authorized recruited sales workers have to be. On the other hand, the customers do not want to give the service charge. If the customer had to go to the restaurant for order the food of his choice, he would have to wait for the waiter, then he would have to order and he could wait a little time again in some cases is to take more time to serve the orders and finally customers eat the orders items, also there is the cost of coming and going but the customers don't understand it that they are getting food at home to relax. Even, the customers easily cancel their orders if is not needed. Seen at various times, customers provide badly Behaves with waiter, manager and if the food is bad, the manager has no scope to talk

2.6 Problem Solution

After analyzing the common problems that are appear in the restaurant business, so I have created a new system which dispose the difficulty matters and that has more advantages than the previous system. This system will make the restaurant business more uplifting and easier. Through this new system the management staffs easily manage the customer's orders, food items, payment details, stock details etc. There will be a database system so there is no possibility of data loss. The authorized will scene the profit and loss by the weekly, monthly and yearly report. There is also an easy way to communicate between management staff and customers. By the new system all of the customer can effortlessly scene the food menu but only register customer could be orders their favorite food items. According to customers wish, be able to select any food for orders from the menu chart then the customer's will pay the amount of order foods

and after payment the order foods customers take confirmation message from the management staffs. When a customer wants to order choose able food items at home than they need to an android tabs, mobile or computer otherwise it is not possible to order outside of the restaurant. Also, customers can suggest any food items which are their favorite by using the comments box. Customers can update their location at any time because if the customer's order a food item from home but suddenly customer's went out urgent work in that case customer update their location.

3. Ecommerce Business

3.1 Discussion on Ecommerce Business

E-commerce is the activity of commercial transactions using the Internet and web. In simple language, E-commerce refers to business transactions between enterprises and consumers. Ecommerce has been recognized as a major source of profit through the Internet. The rise of transactions through the Internet has given developing countries scope to engage in global markets. Also, E-commerce helps to overcome inequality between countries. by the internet a person sale a CD to his friend In 11th August 1994 Since then the sold system are known as net market which is considered as starting online sales (Kininzo, n.d.). But nowadays, it has become a scam where it is not possible to buy and sell through the online.

3.2 Examples of Ecommerce Business

- ✚ **Retail:** the product should be selling instantly without any hesitation to the customers.
- ✚ **Wholesale:** the products should be selling to the retailer who will sell the products to the customers.

- ✚ **Drop shipping:** the third party involvement is held here who will sell the products to the customers.
- ✚ **Physical product:** touchable merchandise which needs list and which will be refilled and the orders that will need to take place physically to the customers while taking the orders. (Kilinzo, n.d.)
- ✚ **Digital products:** the consumption or the licensed should be bought for the downloaded products to use.
- ✚ **Services:** for the compensation, techniques should be rendered for being substitute.

3.3 Types of Ecommerce models

- ✚ **3.3.1 Business to Business (B2B):** For any other business purpose that selling commercial goods or services such as software. (DeMatas, n.d.)
- ✚ **3.3.2 Business to Customer (B2C):** Directly selling the Commercial goods or services to a client such as selling shoes from online shop (SANDY, 2018)
- ✚ **3.3.3 Customer to Business (C2B):** Selling the customers own goods or service to the business such as the producer waiting to license for the movie showing into the hall.
- ✚ **3.3.4 Customer to Customer (C2C):** A client selling his goods or services to another client such as selling old camera to another customer through bikroy.com. (SANDY, 2018)

3.4 Problem and Solution of Ecommerce Domain

- ✚ **3.4.1 Trustworthiness:** The customer will not be able to see the food directly and will have to order by looking through the website. Also, through the research we have known, nowadays customers do not want to trust and pay for ecommerce sites. The customer believes that there will be no difference between the product display and the original product but there will be a difference in getting the

product. On account of this, the trust cannot be easily acquired in this ecommerce business (Kimery, 2008)

- ❖ **Solution:** It is difficult to keep people's confidence on of the ecommerce website in that case some steps should be taken to gain public confidence like visible tracing system for customers. If the visible tracing system is available for the customers then the ecommerce business will also gain the confidence from peoples.

- ✚ **3.4.2 Delivery issue:** In some cases the product cannot be delivered on just time because traffic jam, service man problem, product cannot get ready to delivery etc. All of these issues tarnishing the reputation of the customer about ecommerce. Also, the delivery man comes brings the product when the customers are not at home in that case they are not able to get order.. (Graham, 2019)

- ❖ **Solution:** In that case, the main solution is visible tracking system for the customer because customers can view the location of delivery man when his will. Also, customer can update their location at any time if the option is add into the system then I hope the delivery issues will be decrease.

- ✚ **3.4.3 Quality Issues:** Buying products from the ecommerce websites in modern times the biggest problem because there is no guarantee of selling quality products. Also, some products might be damaged in the delivery time but in that case they have not given recompense (Darji, 2018)

- ❖ **Solution:** At first, the ecommerce website authorized will be declared Compensation will be given if the product is bad then authorized will marketing

with the quality of their product. In that case, the main task is gaining customer trust.

✚ **3.4.4 Online payment failure:** Online payment is the essential segment in all kinds of ecommerce website. Through the payment system customers can pay total amount for their ordering products. Sometimes the payment process may fail because of network problem, server failure etc. also sometimes the customers has not been ordered but payment has been complete (Darji, 2018)

❖ **Solution:** There are many organizations where payment may not be acceptable due to network failure or server failure like internet banking, PayPal etc. Also, the ecommerce website must be added some different options for payment.

✚ **3.4.5 Lack of security:** In this current era, lack of security is the biggest problem for Ecommerce website. Ecommerce website provide One kind of compulsion for the customers such as when the customers create an account in this website customers must be given their personal details like phone number, credit card number etc. And this information is saved in their database. If they are failure to secure data will result in disclosure that may cause threats for customers. (O'Raghallaigh, 2015)

❖ **Solution:** The ecommerce website authorized should be used a domain that do not consent any kind of data to be shared. Ecommerce websites also maintain proper security when it comes to information sharing because If such information is leaked, the business will face a serious threat from customers.

4. Feasibility Study

4.1 Introduction:

In this stage I have declare the probability of my project cost to create and maintenance. Various factors like operational, technical and economic (economic is the essential part in this project) will be analysis which are related into this project. Also, what kinds of materials are required and what will be the cost that is described into this stage.

4.2 Technical feasibility:

Technical feasibility is a method that check the backbone of an notion and it focus to differentiate on a project. Also, it provides some related information that is how the customers are take delivery product from the service man. The CCTV camera will be setup by the architecture because when a problem is created it will be evident on the CCTV camera (Sofia, 2020). The authorized easily find the solution after view the CCTV camera also it will provide high quality security. When the submitted system will be implementing then required printer machine to print the customer bills and charge. New technologies and thinking required to be integrate to bargain better customer service and enhancement business incentive in restaurants for their satisfaction

4.3 Operations feasibility

Operational feasibility is kind of a detective branch. Originally through used of this method the authorized can understand some question and answer about on implementation, internal strategy, adaptation and review etc. Mainly this method is used to provide better service to customers and to developed greater management assurance and there is nothing at the beginning of the methods but at every step some work has to be done (Sofia, 2020)

4.4 Economic Feasibility:

Economic feasibility is the most essential part of each project and beside we know that when an authorized spends more money than their outlet is great this thing is no exception. Hardware, Software and Hosting is required to maintain the system that i have submitted. Basically, I don't know how much cost spends to buy this materials but I gave them a basic idea through which they would benefit (Sofia, 2020). s

Equipment	Reason	Cost
PC	System controlling	40000*3 = 120,000 taka
Server	Saved for data	30000 taka
Printer	For customer bill receipt	15000 taka
Web Hosting	For online use	8,000 taka
Domain	www.RMS.com	3000 taka
Electricity Bill	Essential	3000 taka
Internet Bill	Essential	3000 taka
Total Cost of first month		182,000 taka

5. Foundation:

5.1 Introduction:

At this step of documentation i will discuss how the management staff will understand the customer behavior, feedback etc. foundation stage are most required for each project because it is focus on the customer by the various technique like questionnaires, Interviews and Observation Technique.

5.2 Questionnaires Technique:

Questionnaires technique is a method that depending on the nature of questions which provide various facilitates for face-to-face data collection. the management staff can know customer's opinion through various steps like Internet, mail, telephone or face-to-face communication. I've discussed some topics with customers about online restaurant management system like what kind of benefits they're expecting the customers told me their expectation, suggestion and take on additional costs for similar foods etc. given below the customer's feedback (Barletta, 2017)

Name	Apple Mahmud
Age	25
User Types	Customer
Interest	Different types of food testing
Question – 1	Tell me your opinion about online restaurant?
Answer	Online restaurant is a food store All types of food are available in. Also online restaurant are most favourite for me because I can order any food items at anyplace.
Question – 2	Do you find all the food available from the menu which you have ordered?
Answer	Yes, because they only display the items that are always available for the customer and customers can orders foods among of them.
Question – 3	Which types of food you prefer?

Answer	Fast-food items always my favourite and sometimes I order Thai and Chinese items.
---------------	---

5.3 Observation Technique:

Particularly, this technique apply for the customer movement because What the customer wants, what kind of food the customer is most interested in, What kind of environment are they accustomed to eating food etc. find out by the observation technique. The customer is always looking for good quality food but price is not matter for these foods. Observation technique always helps to find essential issues for system development (Barletta, 2017)

6. Development

6.1 Development of the System:

The system will be online based and user friendly that the system i want to develop. the main characteristics of the system is take online food ordering and customers can remove their order after a fixed time. Customer can update their location at any time. Through the system the user can view the food offers, obtainable foods, advantage etc. Also customers can comments for foods and it could be view all of the registration and unregister users. The system has a database to save the customers details, orders and staff details etc. Customer can paid the amount of ordering foods by the Bkash. Customers get a confirmation message by the management staff.

6.2 Justification for the method:

When developer analysis the current system then they setup which methodologies are used to create the new project because there are some standard methodologies for choose to create the project. So, i have selected the waterfall methods to develop my restaurant management system because I know it is pursuant design method. This is great method when the project requirements are clearly defined also it is not best model for big or mixed project because each project has separate requirements and features etc.

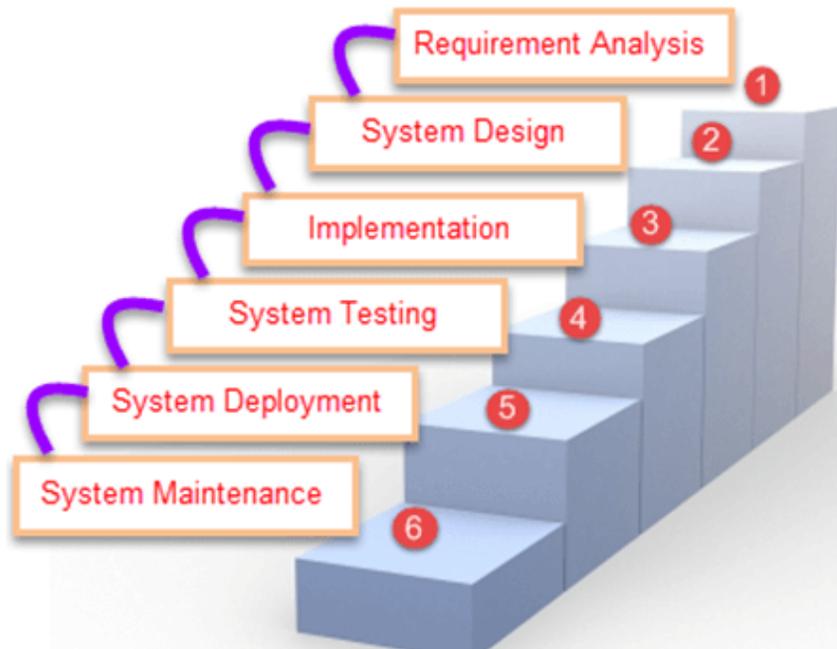


Figure 01: waterfall model diagram.

The developer cannot go back to the previous step because the water fall system is sequential. Developer can work step by step by the model and the whole project can be inspected from top to bottom. If the project is to be completed successfully by the model then the plan has to be done properly. The model is separated into seven steps like

analysis, design, implementation, testing, deployment and maintenance that details are given below. Owner can easily access into the system from anywhere as he wants and it is the best facility of this system. Before creating the system, owner has to keep all the records by doing paper works which could be lost at any time. I have developed a better system which has a lot of facilities and highly secured and also easy to use for everyone from anywhere.

6.3 Sections of Methodology:

- ✚ **6.3.1 Analysis:** In this step, I have provided the identification of the functional and non-functional requirements which will also be recognized as the requirements have, should have, could have or must have. Here I have drawn a class diagram, use case diagram, Activity diagram so that I can represent the whole system diagrammatically.
- ✚ **6.3.2 Design:** About the structural and behavioral model I have briefly described in this stage. In the section of structural model, detailed diagram is showed with its all attributes and also about the methods. The collaboration diagram is also described here which will tell what use case diagram play a role during the development.
- ✚ **6.3.3 Implementation:** In this section, I have briefly described about the languages which should be used during developing the system. The database table will define individually and the system will work by using the parallel strategy and to identify which table is working on time. There will be a training session also. The manager or the user of the system should be a well-trained person.

- ✚ **6.3.4 System Testing:** I have briefly described about the debugging of defects all of system process in this stage. I have tested the entire system for any faults and failures such as customer can face a problem to register the system, order the system etc. The implementation stages are integrated into a system and each testing unit are developed.
- ✚ **6.3.5 System Deployment:** The functional and non-functional testing is done and the customer makes sure the product reviewed easily without problem, I have briefly described about in this section. This phase is done by providing a complete product to the customer.
- ✚ **6.3.6 System Maintenance:** In this section, I have briefly described about the system further development for any problems. Always here are some errors and this errors come up the customer because the customer is regularly using the system. Until the customer satisfied the authorized applies another fixes as necessary.

7. Exploration

7.1 Introduction:

At this step of the documentation, I will explain with the diagram how I searched information for the purpose of the project because the authorized and developer easily can understand. Also, it is helpful to develop the system by analyzing the business methods and requirements.

7.2 Use Case Diagram:

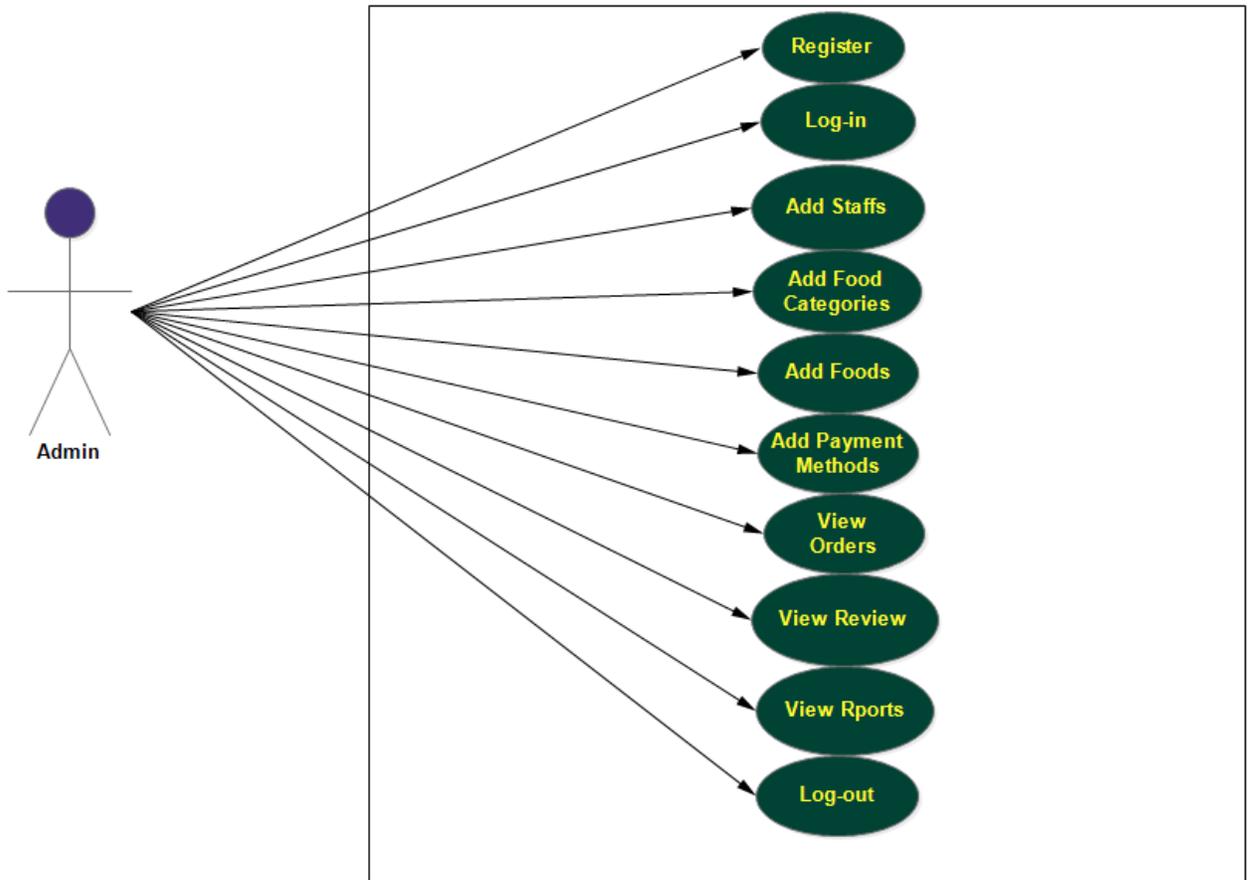


Figure 02: Use Case for Admin.

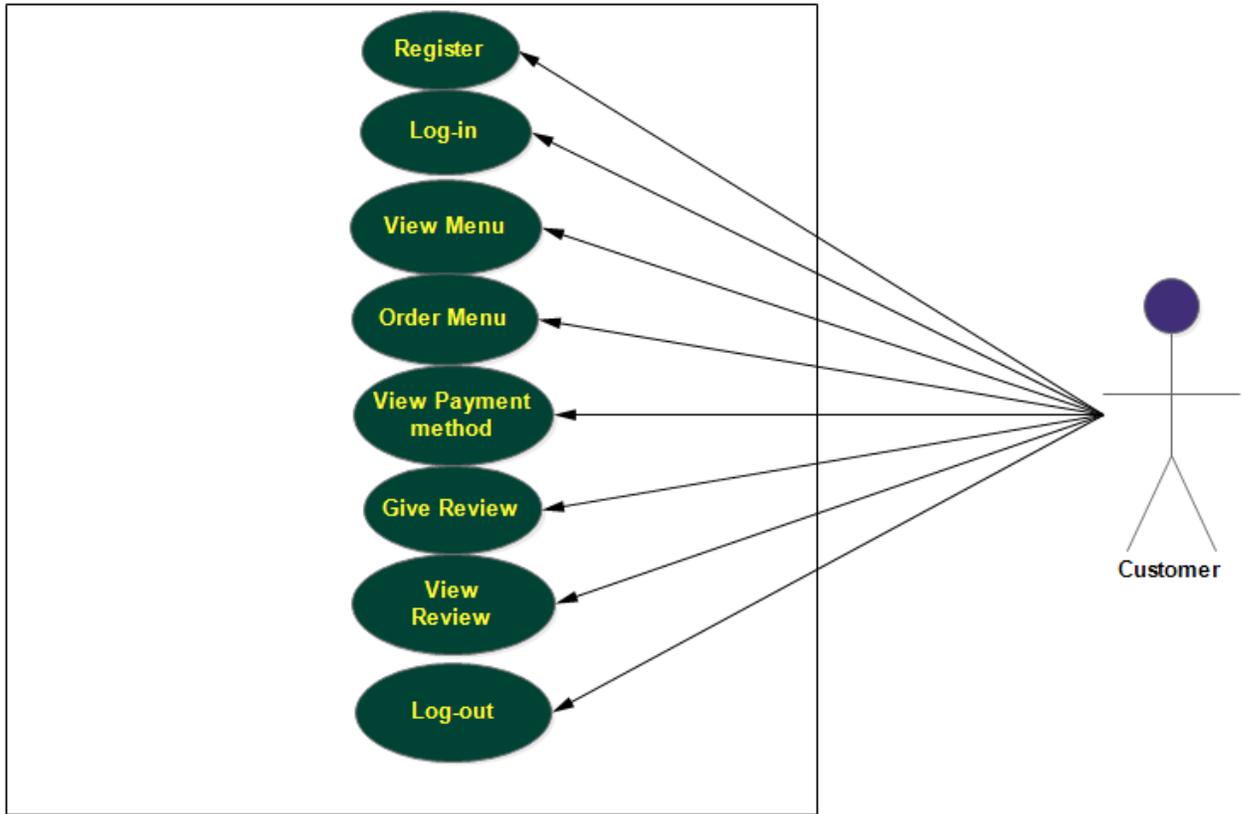


Figure 03: Use Case for Customer.

7.3 Initial Class Diagram:

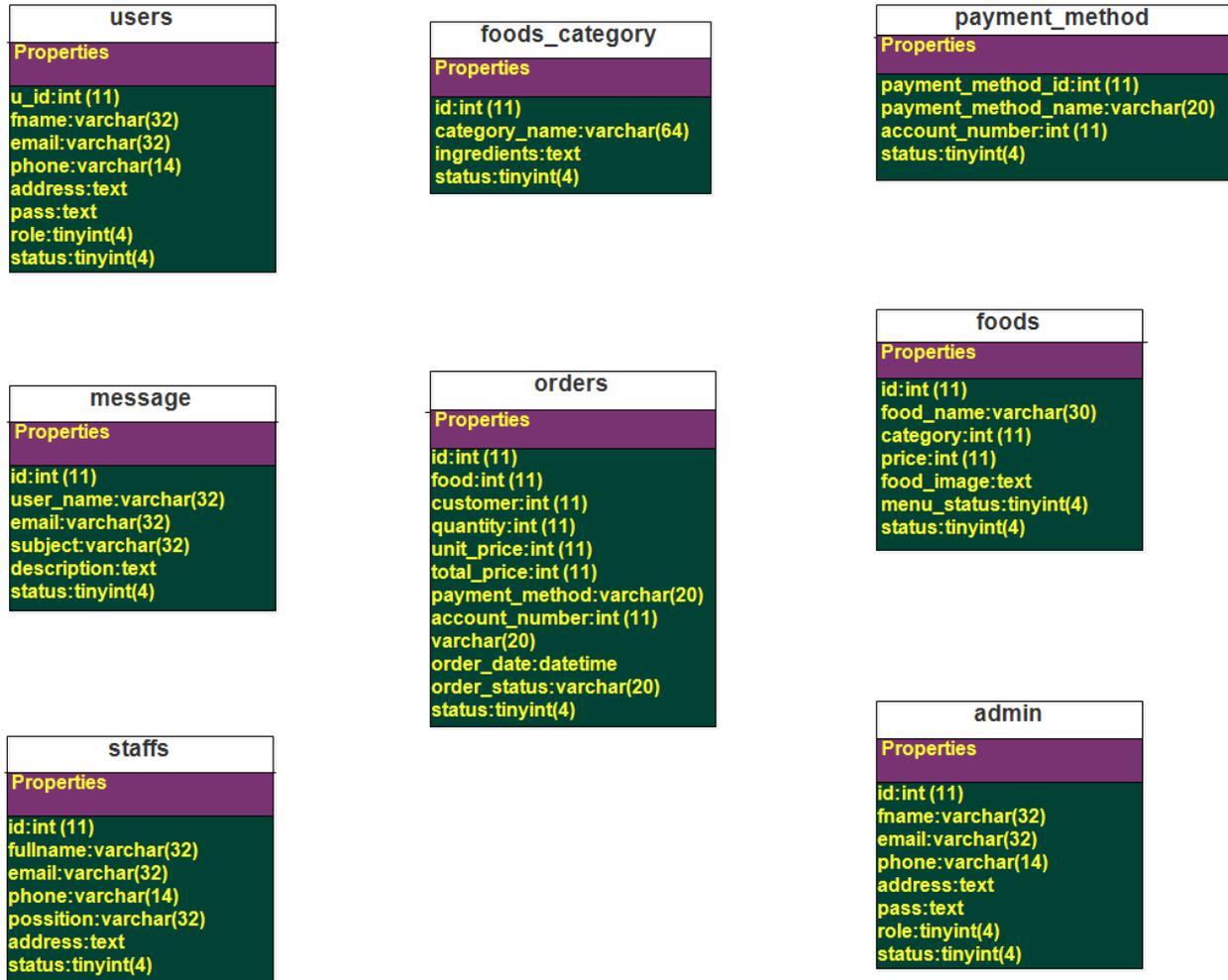


Figure 04: Initial Class Diagram.

7.4 Details Class Diagram:

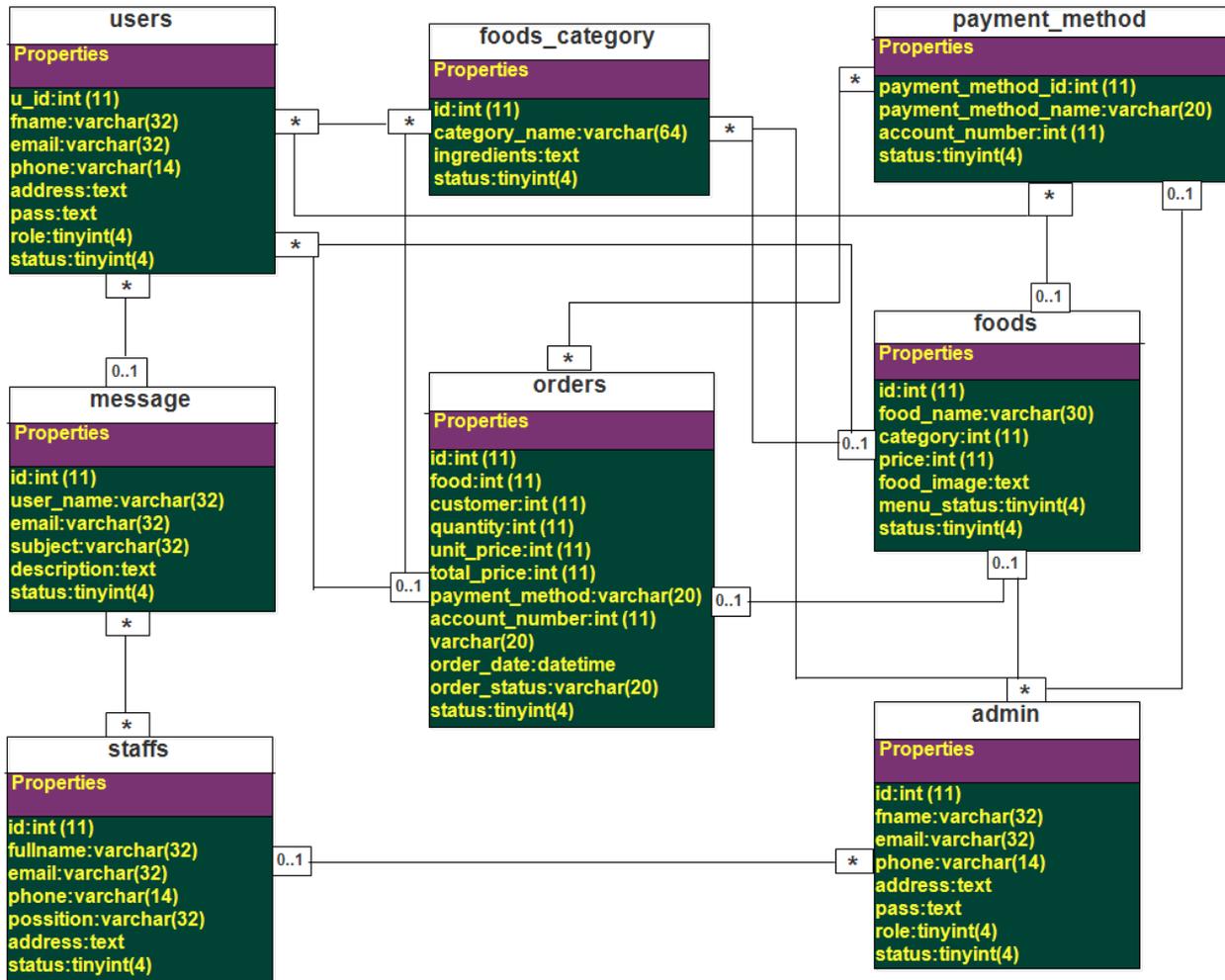


Figure 05: Details Class Diagram.

7.5 Order Activity Diagram:

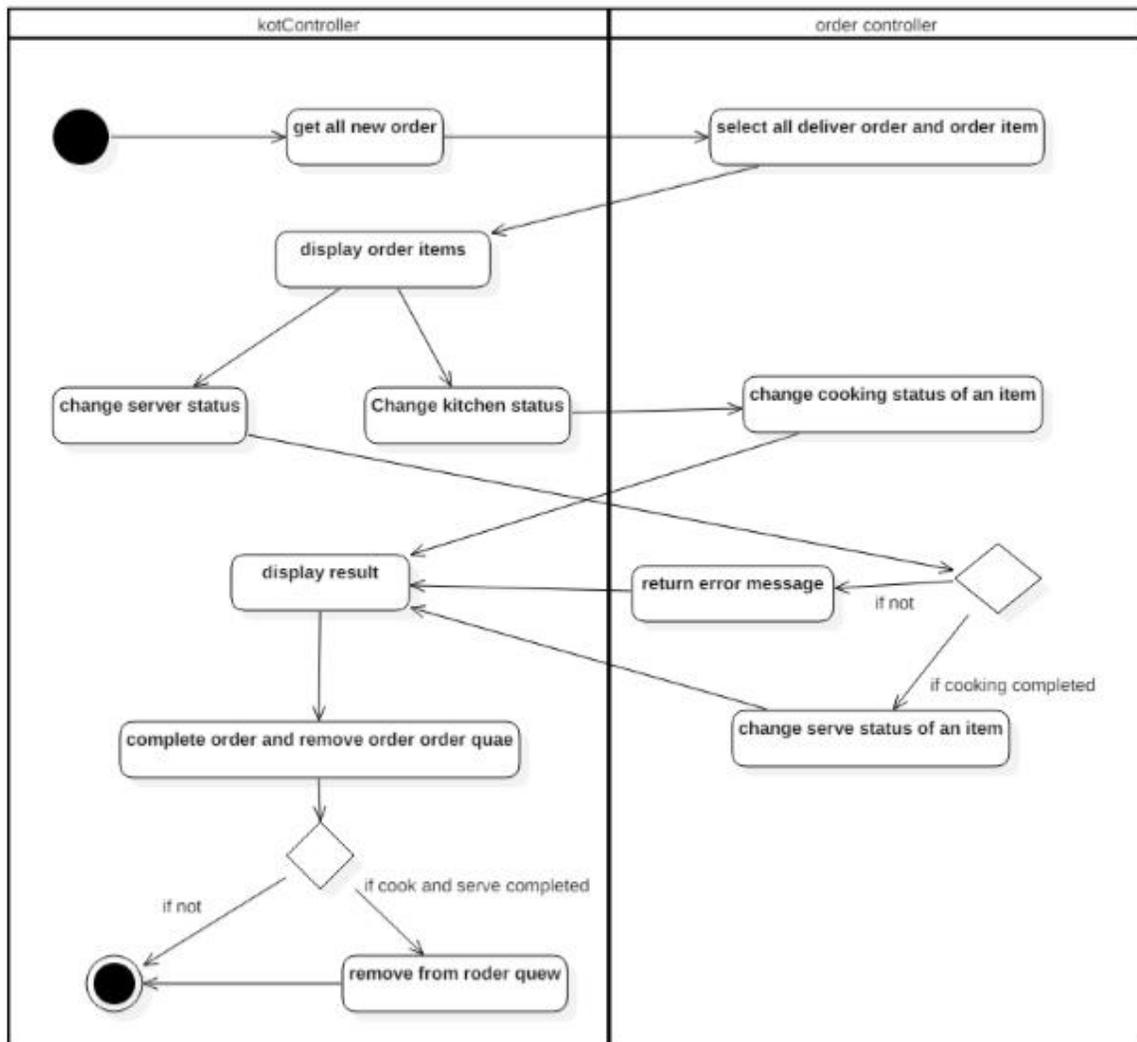


Figure 06: Order Activity Diagram.

7.6 Order Sequence Diagram:

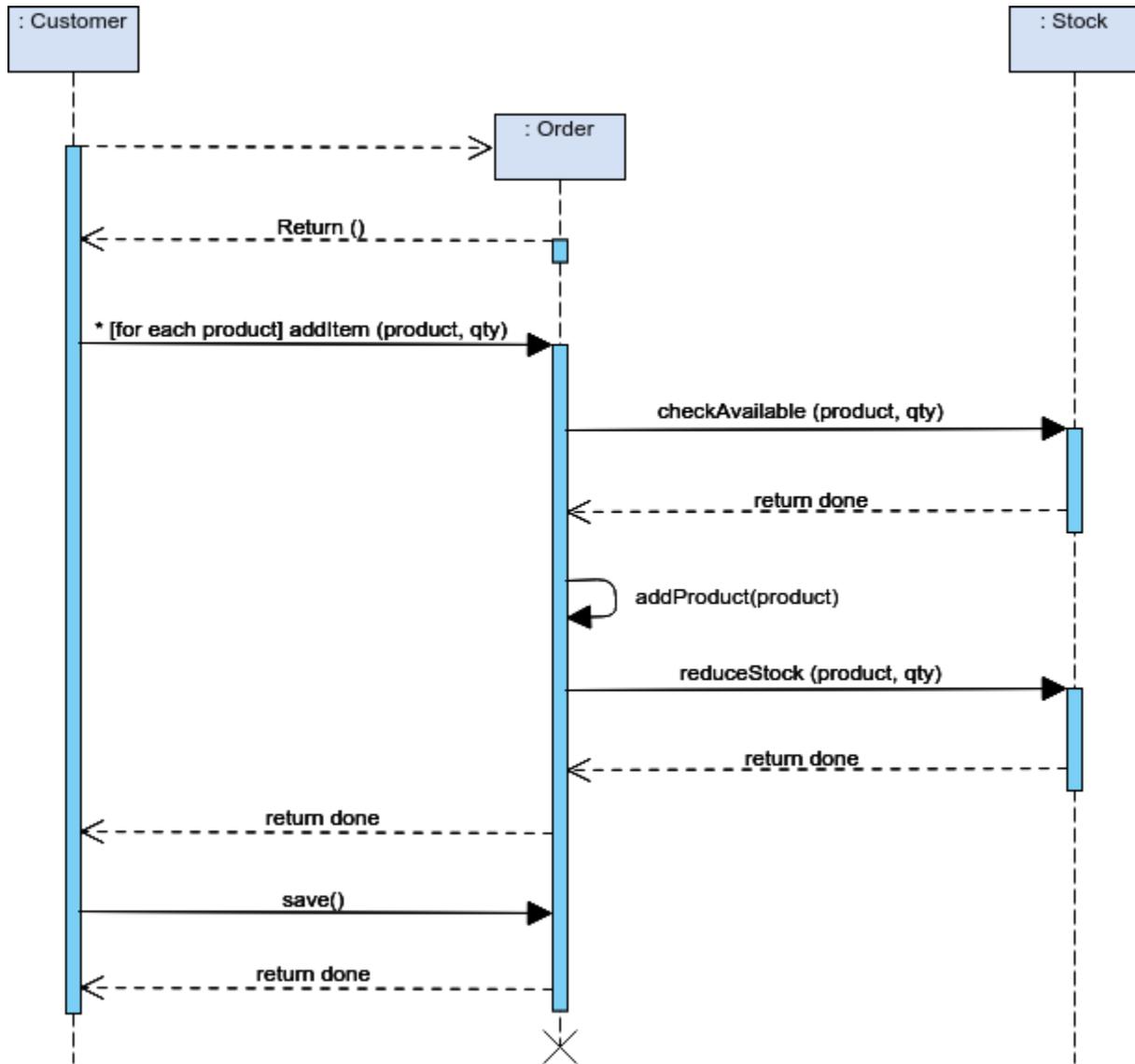


Figure 07: Order Sequence Diagram.

7.7 Requirements:

When developers analyze the current system then they found some requirements which will be related with the new system. I have list out most important requirements for beginning of the project and the all requirements are divided into two parts.

7.7.1 Functional Requirements:

- Login system for role based
- Unregister user can view the foods.
- Only register user could be order through online
- Admin can add or delete item from cart.
- Customer can cancel order if food is not under cooking stage.
- Customer can view previous order history
- Customer can put comment on food
- Customer can provide prefer food items
- Admin can view report.

7.7.2 Non- Functional Requirements:

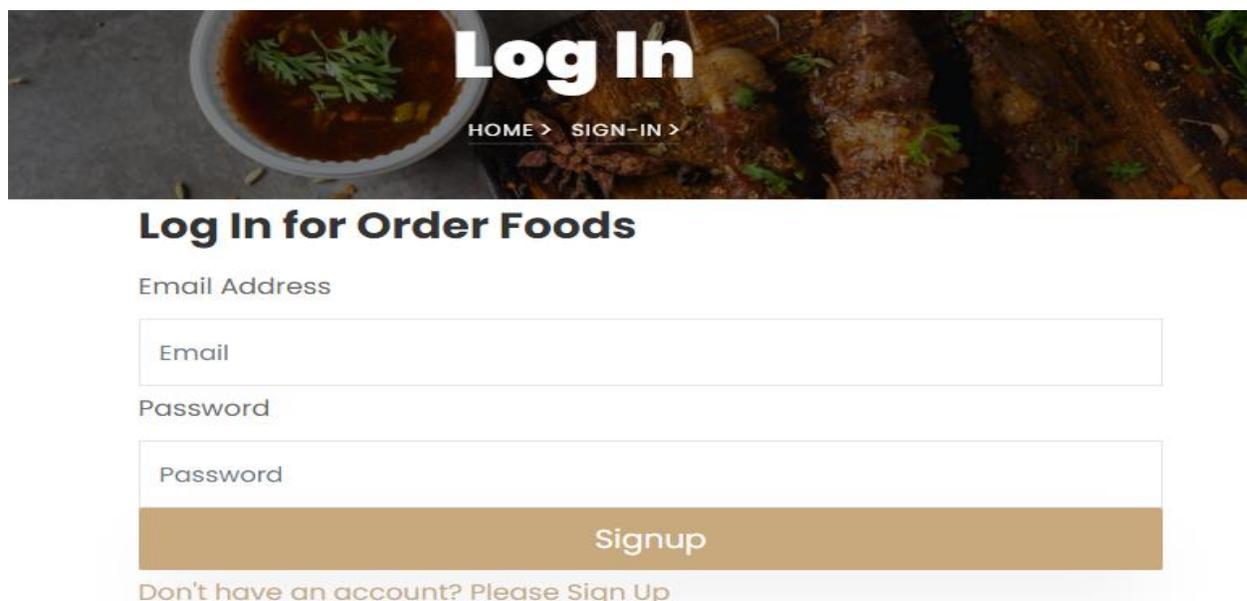
- The system should be reliable.
- The system should be capable
- The system should be scalable
- The system should be robust.
- The system should be serviceable
- The system should be maintainable.
- The system should be secure

7.7.3 Web Application System:

Users are associated in web server application by the web browser because web server applications are totally recline into the web browser. Web server application is an individual stage and no machine is needed to install. It is only necessary to have a web browser to use. Some features of web application are given below

- Web server not need to install because It can run directly
- Multi-tier application architecture usable in web server.
- Individual user system used in web server.
- Example of web server application is Gmail, yahoo mail etc.

8. System Interface



Log In
HOME > SIGN-IN >

Log In for Order Foods

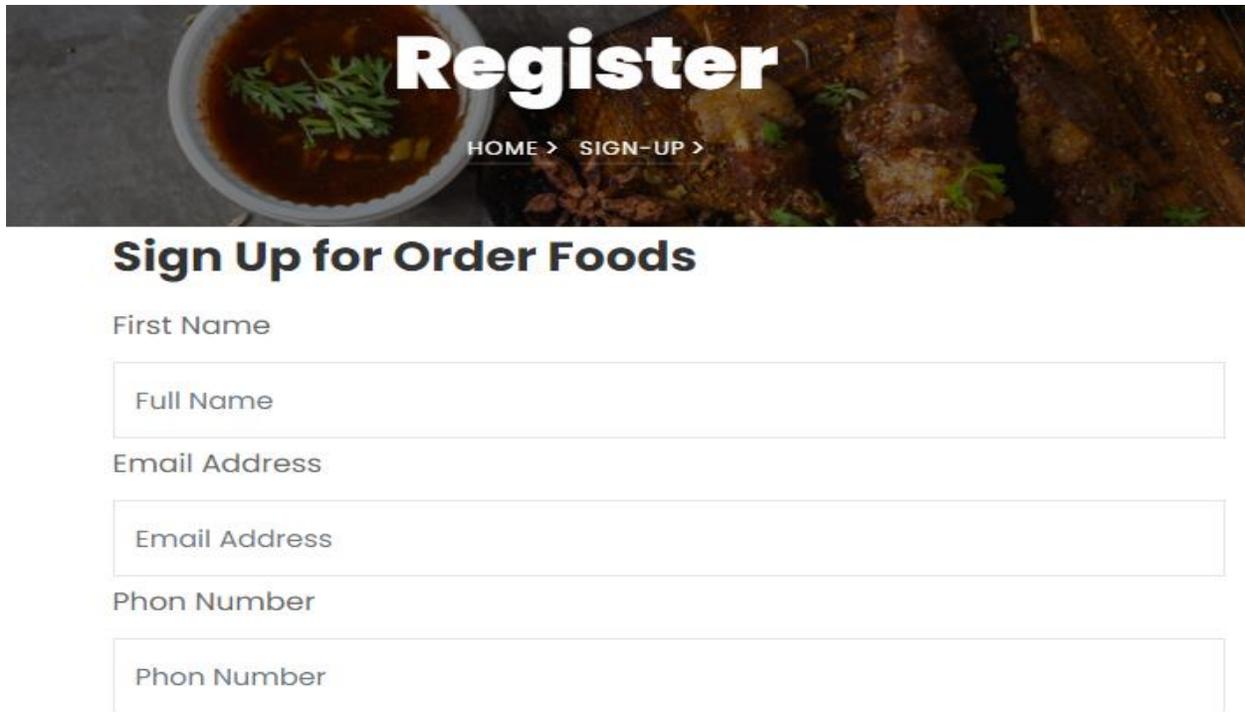
Email Address

Password

[Signup](#)

[Don't have an account? Please Sign Up](#)

Figure 08: Log-in Page



The image shows a registration form for ordering food. At the top, there is a banner with a bowl of soup and the word "Register" in large white letters. Below the banner, the text "HOME > SIGN-UP >" is visible. The main heading is "Sign Up for Order Foods". The form consists of four input fields: "First Name" (with a placeholder "Full Name"), "Email Address" (with a placeholder "Email Address"), "Phon Number" (with a placeholder "Phon Number"), and another "Phon Number" field.

Figure 09: Register Page

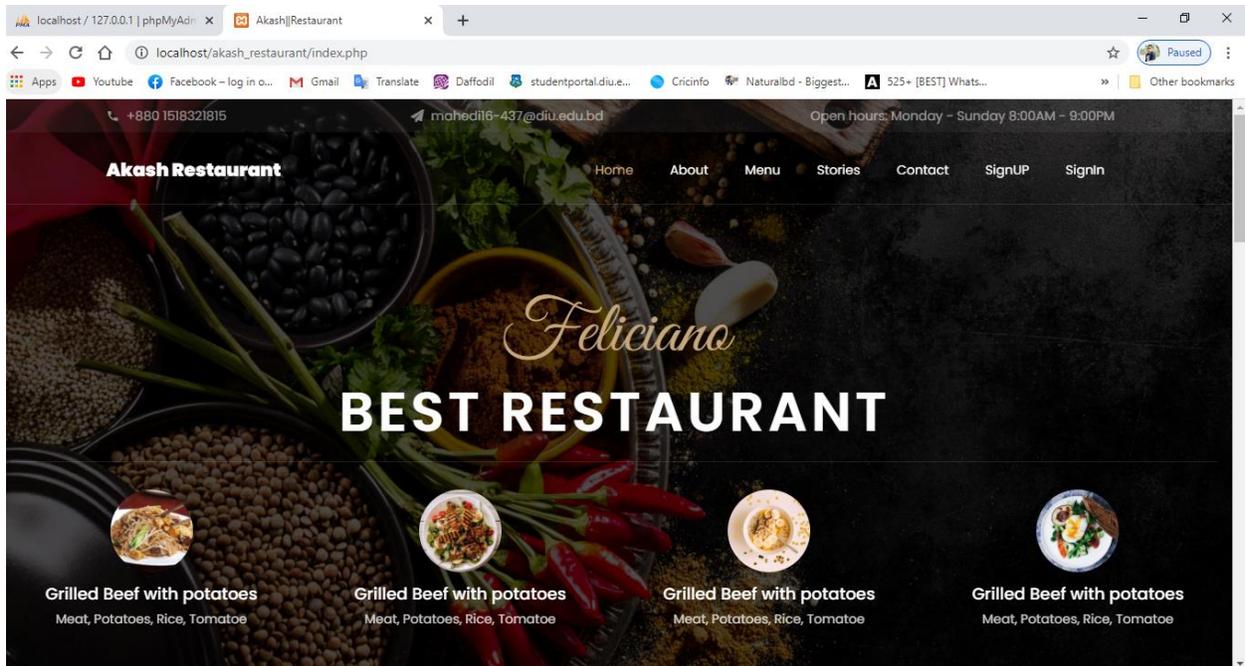


Figure 10: Home Page



Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		OrderNow Comment
Rice	Lunch	250		OrderNow Comment
Kacchi	Dinner	560		OrderNow Comment

Figure 11: Menu Page

Customer Reviews

Food Name: Kacchi

Name: Elias Hossen

Email: Elias@gmail.com

Details: Your Dinner items are very delicious, just love it

Figure 12: Customer Reviews page

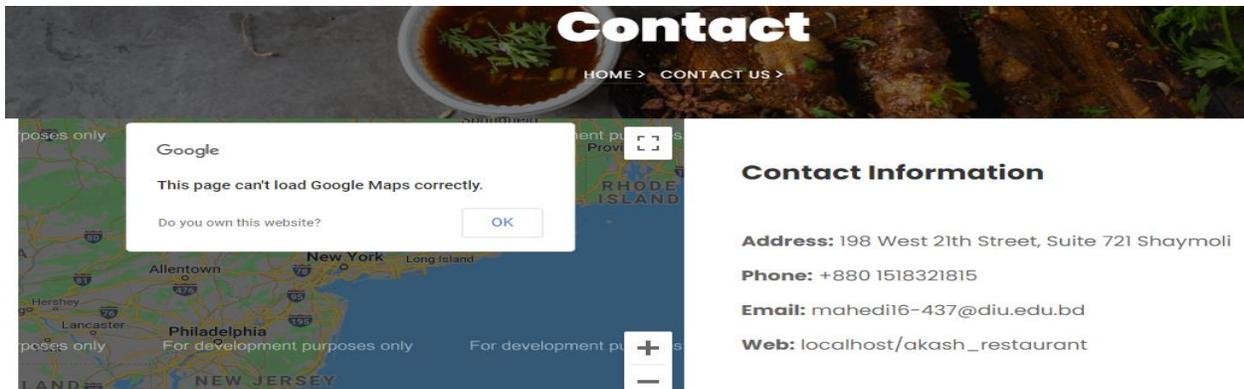


Figure 13: Contact page

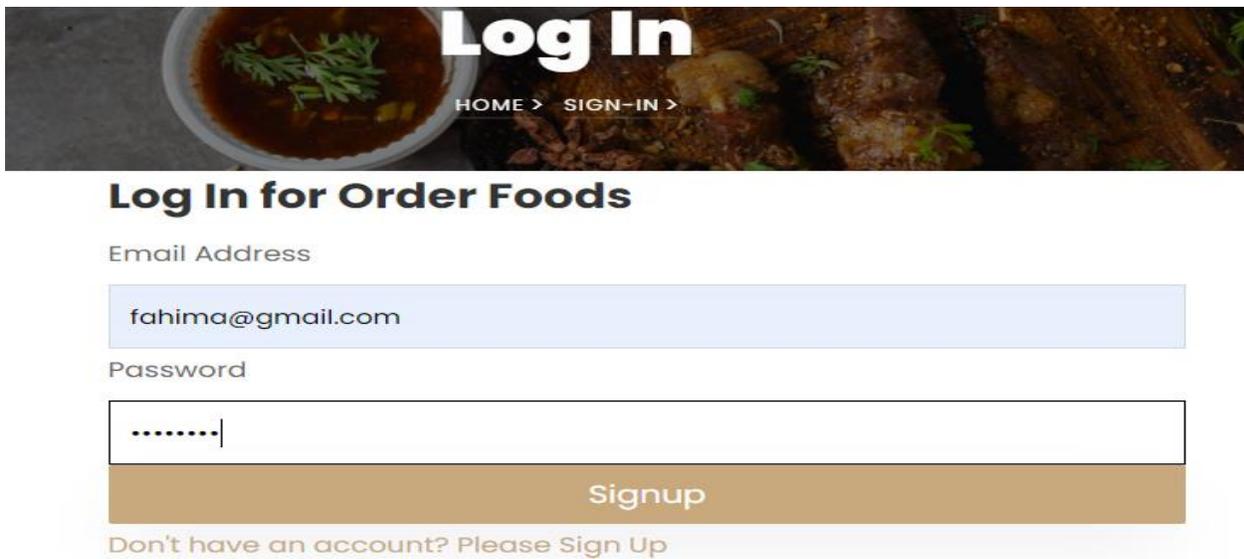


Figure 14: User Log-in Page

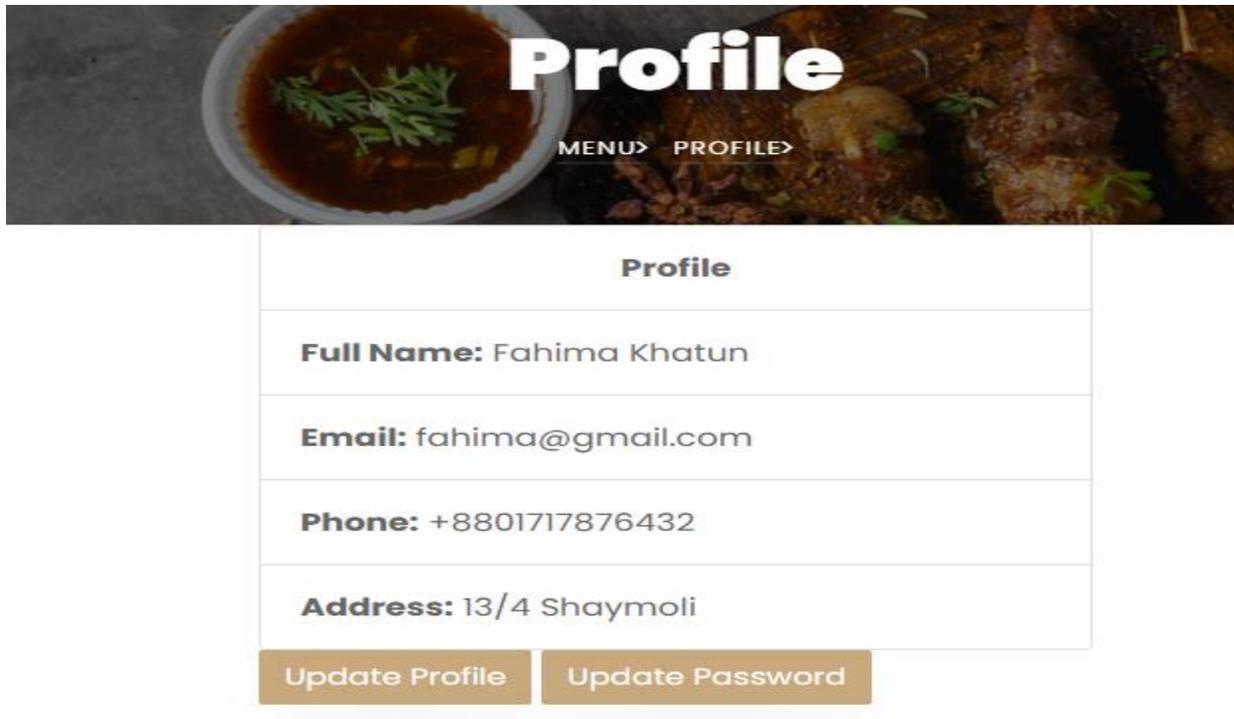


Figure 15: Successfully Log-in (Customer Profile)

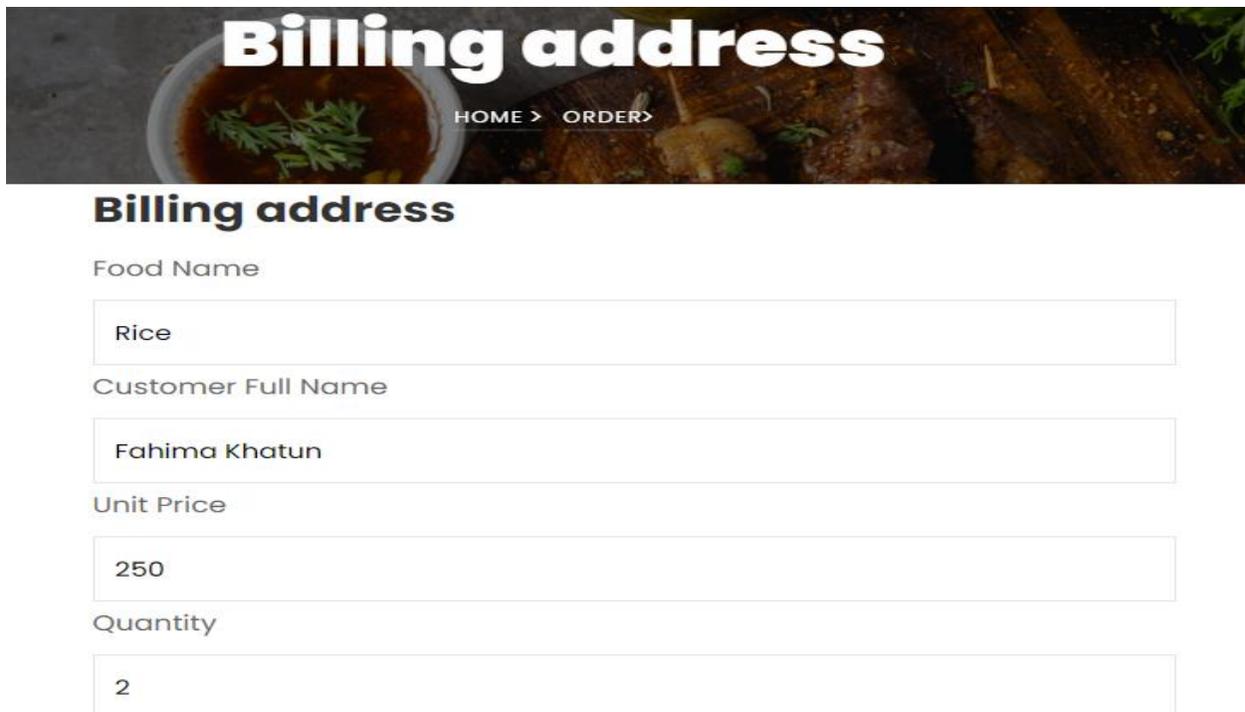


Figure 16: Payment System (1)

Total Price

500

Payment Method Name

Bkash

Account Number (pay option only)

1518321815

TrxID

dfghj52ghj

Confirm

Figure 17: Payment System (2)

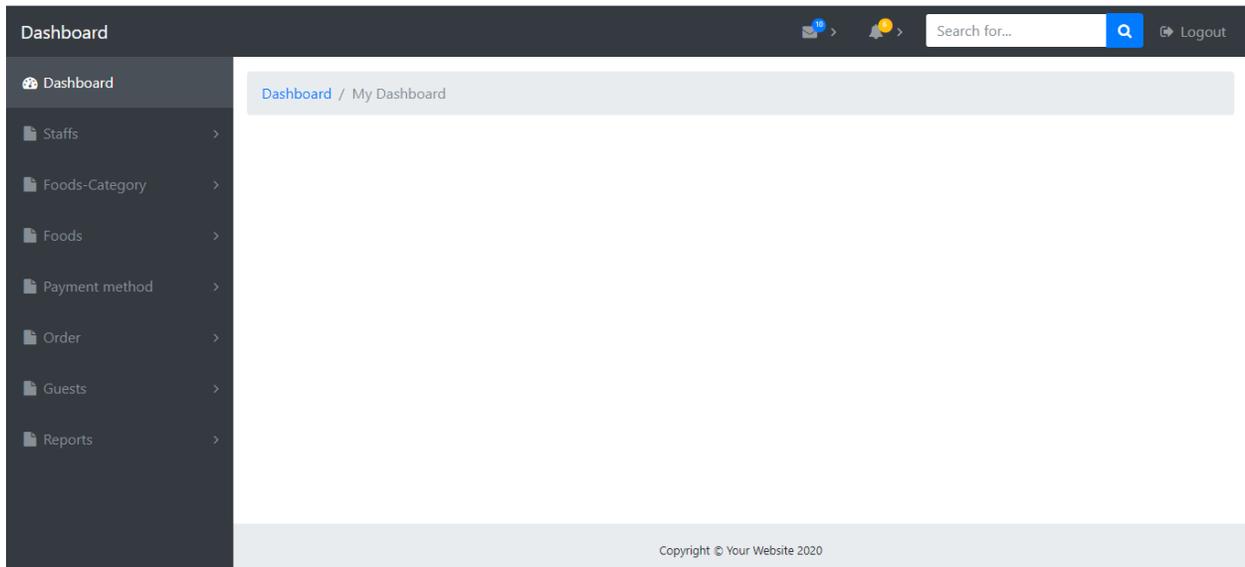


Figure 18: Admin Dashboard

Dashboard / Staffs

Staffs

Add Staff

Staffs Name	Email	Phone	Position	Address	Action
Abbas Uddin	abbas@gmail.com	+8801567587665	Delivery Man	Kallanpur	Delete

Figure 19: Staff details

Dashboard / Category

Category

Add Category

Category Name	Ingredients	Action
Dinner	Beef, Rice	Update Delete
Lunch	Beef, Rice, Tomato	Update Delete
Breakfast	Porata, Dim	Update Delete

Figure 19: Category details

Dashboard / Foods

Foods

Add Foods

Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		Update Delete
Rice	Lunch	250		Update Delete

Figure 20: Add foods

Dashboard / Orders

Orders

Food Name	Customer	Quantity	Total Price	Method	Account	TrxID	Date	Order Status	Action
Kacchi	Fahima Khatun	10	5600	3	1518321815	sdfgh542gh	2020-10-26 20:27:44	confirm	Update

Figure 21: Order History

Dashboard / My Dashboard/Reports/Daily

Daily Sell

Daily	Total
2020-10-26	5600

Figure 22: Daily Report

Show all | Number of rows: | Filter rows: | Sort by key:

+ Options

	u_id	fname	email	phone	address	pass	role	status
<input type="checkbox"/> Edit Copy Delete	5	Mahedi Hasan	mahedi16-437@diu.edu.bd	+8801518321815	Shaymoli	12345678	1	1
<input type="checkbox"/> Edit Copy Delete	6	Fahima Khatun	fahima@gmail.com	+8801717876432	13/4 Shaymoli	11111111	0	1

Check all | With selected: Edit Copy Delete Export

Figure 23: User Register Database

Show all | Number of rows: | Filter rows:

+ Options

	id	food	customer	quantity	unit_price	total_price	payment_method	account_number	TrxID	order_date	order_status
<input type="checkbox"/> Edit Copy Delete	25	4	6	10	560	5600	3		3 sdfgh542gh	2020-10-26 20:27:44	confirm

Check all | With selected: Edit Copy Delete Export

Figure 24: Order Database

9. Testing

9.1 Introduction:

The testing provides original results which will be happened and the expected results that will be matched. It will also ensure that the system of the software is error free and there is no problem. By implementing a software component or system component it will be involved to evaluate one or more feature. The testing of the software will also define if there are any missing requirements that the authorization want. The system testing can definite by two ways to use like manually or using the tools.

9.2 Test Planning:

An accurate test planning must be needed so that it can be depended by the effective testing. To ensure the quality, an accurate test plan must be needed. It will also show the operative of the accomplishment. Two several parts into this testing like functional and non-functional testing. Based on my project, I have tested those parts and the results of the parts.

9.3 Functional Testing:

9.3.1 Unit Testing

- 1. Customer register Testing**
- 2. Adding food Testing**
- 3. Order item Testing**

9.3.2 Integration Testing

- 1. Valid login Testing**
- 2. Delete food items Testing**

9.4 Non-Functional Testing:

9.4.1 Acceptance Testing

1. Customer payment Testing

9.4.2 Compatibility Testing

1. Testing for the system open in mobile

9.4.3 Accessibility Testing

1. Testing for acceptance of color

9.4.4 Security Testing

1. Testing for store password as encrypted
2. Testing all date store in database

9.5 Test Case:

9.5.1 Test case for unit Testing – 1

 Name of the Requirement: User Registration	
Source: User Entry	Priority: Must Have
Tasks	<i>Customer will be Register for use the system</i>
Input	User Name: <i>Fahima Khatun</i> Email: fahima@gmail.com Password: <i>*****</i>
Expected result	<i>Registration completely successful</i>
Actual result	<i>Positive</i>
Action	<i>The system will give an error message on display when the user name, email, password or any field remains empty or “The password confirmation does not match”.</i>

Log In
HOME > SIGN-IN >

Log In for Order Foods

Email Address

fahima@gmail.com

Password

.....

Signup

Don't have an account? Please Sign Up

Figure 25: Registration page for customer

9.5.2 Test case for unit Testing – 2

Name of the Requirement: View Food items by admin and customer	
Source: Function of system	Priority: Must Have
Tasks	Admin and customers will view menu items and only admin will can add the new food items into the food page
Input	No, Input button in "Menu" page for customers
Expected result	After Login, They will move inside the page and view the menu items.
Actual result	Positive
Action	Unregister user can view the food items.



Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		OrderNow
Rice	Lunch	250		OrderNow
Kacchi	Dinner	560		OrderNow

Figure 26: Menu page for customer

[Dashboard](#) / [Foods](#)

Foods

[Add Foods](#)

Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		Update Delete
Rice	Lunch	250		Update Delete
Kacchi	Dinner	560		Update Delete

Figure 27: Foods page for admin

9.5.3 Test case for unit Testing - 3

Name of the Requirement: View customer order by admin	
Source: Function of system	Priority: Must Have
Tasks	Admin can view customer orders
Input	No, Input button in "Orders" page for customers.
Expected result	After Login, They will move inside the page and view the customer "Orders"
Actual result	Positive
Action	Only Admin can view the customer orders.

Dashboard / Orders

Orders

Food Name	Customer	Quantity	Total Price	Method	Account	TrxID	Date	Order Status	Action
Kacchi	Fahima Khatun	10	5600	3	1518321815	sdfgh542gh	2020-10-26 20:27:44	confirm	Update

Figure 28: Admin can view the customer orders

9.5.4 Test case for Integration Testing - 1

🚩 Name of the Requirement: User Login	
Source: User Entry	Priority: Must Have
Tasks	Customer will be login into the system
Input	Email: fahima@gmail.com Password: *****
Expected result	Wrong Email or Password
Actual result	Positive
Action	The system will give an error message on display when the email or password field remains empty or "The email and password confirmation does not match".

Log In for Order Foods

Wrong email or password.
✕

Email Address

Email

Password

Password

Signup

Don't have an account? Please Sign Up

Figure 29: Wrong Email or Password

9.5.5 Test case for Integration Testing - 2

 Name of the Requirement: Delete food items by admin	
Source: Function of system	Priority: Must Have
Tasks	<i>Admin can update or delete their food items</i>
Delete	<i>Admin can remove their food items if they think, very much cost to create the food items and customer cannot order this food for high price.</i>
Expected result	<i>After Login, They will move inside the page then delete the food items to click the delete option.</i>
Actual result	<i>Positive</i>
Action	<i>Only Admin can update or delete the food items</i>

Dashboard / Foods

Foods

[Add Foods](#)

Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		Update Delete
Rice	Lunch	250		Update Delete

Figure 30: Update or Delete food item

9.5.6 Test case for Acceptance Testing

🚩 Name of the Requirement: Customer Payment	
Source: Function of system	Priority: Must Have
Tasks	<i>Payment for customer food orders</i>
Delete	<i>Admin cannot remove customers payment list</i>
Expected result	<i>After Login, Admin will move inside the page and view the payment.</i>
Actual result	<i>Positive</i>
Action	<i>Only Admin can view the Payment for customer food orders</i>

[Dashboard](#) / [Orders](#)

Orders

Food Name	Customer	Quantity	Total Price	Method	Account	TrxID	Date	Order Status	Action
Kacchi	Fahima Khatun	10	5600	3	1518321815	sdfgh542gh	2020-10-26 20:27:44	confirm	Update

Figure 31: Payment system

9.5.7 Test case for Compatibility Testing

🚩 Name of the Requirement: System will open by mobile	
Source: Function of system	Priority: Must Have
Tasks	<i>Admin and customers will be open the System for their mobile</i>
Input	<i>Must be login by email id and password</i>
Expected result	<i>After Login, the admin and customers can be open the System for their mobile.</i>
Actual result	<i>Positive</i>
Action	<i>It's suitable for customer and admin because customer can be order and admin can be known update at any place.</i>

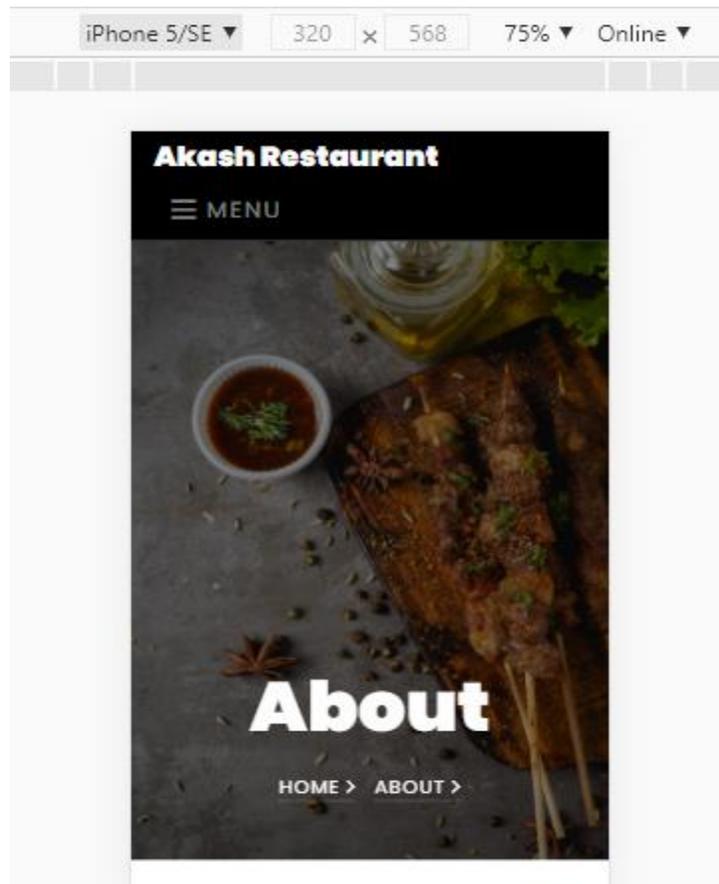


Figure 32: Mobile log-in approach

9.5.8 Test case for Security Testing - 1

 Name of the Requirement: Password Encrypted	
Source: Function of system	Priority: Must Have
Tasks	<i>Customer Password will be Encrypted. In which anyone cannot see it.</i>
Input	<i>Customers must be provide the password if they want to visit the system.</i>
Expected result	<i>When the customers provide the password the password automatically encrypted for their safety.</i>
Actual result	<i>Positive</i>
Action	<i>If the password is not encrypted in that case it might be easily hacking by hacker and the customer facing different problem cause password hacking. Finally, it will be deadly for the system admin and restaurant owner.</i>

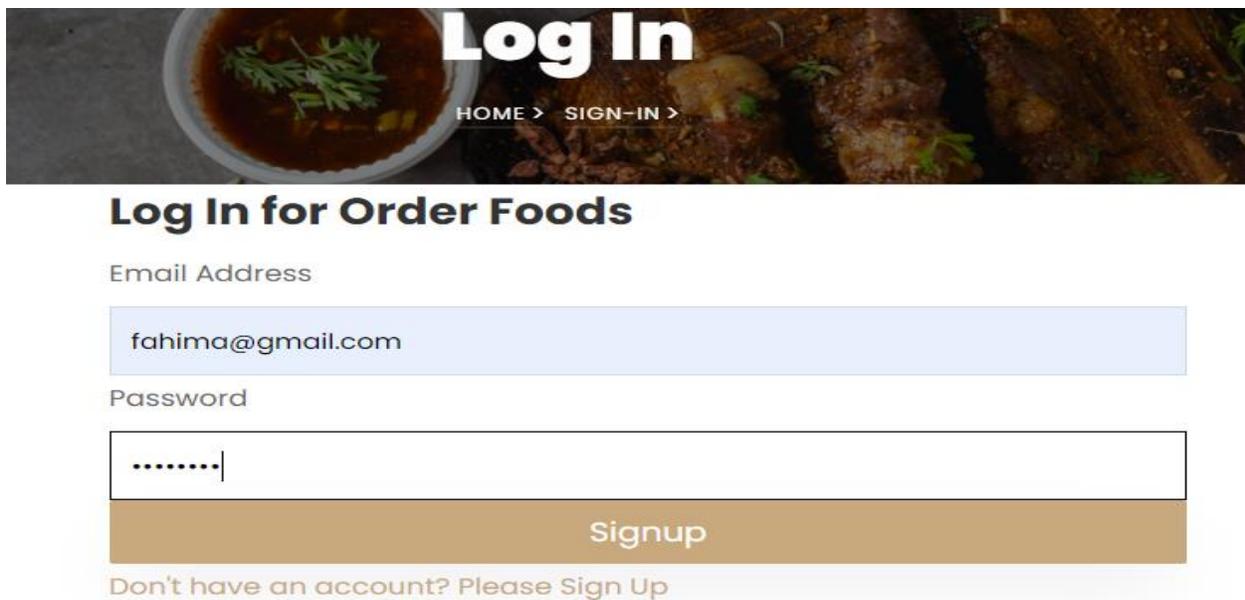


Figure 33: Encrypted Password

9.5.9 Test case for Security Testing - 2

 Name of the Requirement: Testing all data store in database	
Source: Function of system	Priority: Must Have
Tasks	<i>Data must be store in database</i>
Input	<i>Must be login by email id and password</i>
Expected result	Customers give the data for use the System that is store into the database
Actual result	<i>Positive</i>
Action	Yes, the Customers give the data for use the System that must be store into the database.

Show all | Number of rows: | Filter rows: | Sort by key:

+ Options

	u_id	fname	email	phone	address	pass	role	status
<input type="checkbox"/>  Edit  Copy  Delete	5	Mahedi Hasan	mahedi16-437@diu.edu.bd	+8801518321815	Shaymoli	12345678	1	1
<input type="checkbox"/>  Edit  Copy  Delete	6	Fahima Khatun	fahima@gmail.com	+8801717876432	13/4 Shaymoli	11111111	0	1
<input type="checkbox"/>  Edit  Copy  Delete	7	Elias Hossen	Elias@gmail.com	+8801488529631	37/11 shaymoli	22222222	0	1

Figure 34: Store data into database

10. Implementation

10.1 Choose of Programming Language:

For creating and developing different kind of sites, there are different varieties programming languages are available. I have used different essential languages to generate this site like

- HTML
- CSS
- PHP v3.2.4 version
- JavaScript
- MySQL

To design the login interface, I have used HTML and CSS here. Checking validation is one of the most significant segments for any system. Also, to verify the various pattern of accuracy I have used JavaScript and PHP to generate the system. I have used the framework design. I have also used PHP for the backend code to design the system. to run the system properly, PHP certainly needed for all kinds of insertion, modify, obliterate and login etc. Without this, there has a database system to kept all the data properly so that there will not remain any possibility of data losing. Without using the MySQL, it is not possible to add all the data in database. As I have the basic knowledge on PHP, JavaScript, HTML and CSS, so I don't have to face that much difficulty.

11. Strength and Weakness of the System

11.1 Strength of the system:

- ✚ **Access level:** Access level is same for admin and customers.
- ✚ **User friendly:** User friendly Interface and Most of the basic functions are available.
- ✚ **Online order Process:** Easily orders food items by online system.
- ✚ **Platform independent:** Any user can use this system by a web browser.

11.2 Weakness of the system:

- ✚ **Database system:** no backup system is available so somehow the database system will crush then all data will be lost.
- ✚ **Security problem:** Any types of attack can be happened in the system
- ✚ **Payment Method:** Card payment system isn't available in the system.

12. Conclusion

As I have proposed for the online restaurant management system, I have done it completely with the minimal requirements finally. The system I have built be able to use anywhere at any time. I have tried to fulfill the total requirements for the project and I have to do a lot of analysis which helps me to complete my project successfully. Even though, I could not attach all of the objectives into the system but I have completed the core system. The restaurant basic activities can be completed through this system. By doing the project, I have researched a lot of things and gain a lot of knowledge which will be very helpful for my future career.

Bibliography

- Barletta, D. (2017) *humans of data*, 04 Aug, [Online], Available: <https://humansofdata.atlan.com/2017/08/4-data-collection-techniques-ones-right/> [25 Apr 2020].
- Barletta, D. (2017) *humans of data*, 04 Aug, [Online], Available: <https://humansofdata.atlan.com/2017/08/4-data-collection-techniques-ones-right/> [25 Apr 2020].
- Darji, P. (2018) *myadvo*, 14 September, [Online], Available: <https://www.myadvo.in/blog/5-most-common-problems-faced-by-consumers-while-shopping-online/> [25 Apr 2020].
- Darji, P. (2018) *myadvo*, 14 September, [Online], Available: <https://www.myadvo.in/blog/5-most-common-problems-faced-by-consumers-while-shopping-online/> [25 Apr 2020].
- DeMatas, D. *ecommerce ceo*, [Online], Available: <https://www.eyerys.com/articles/types-e-commerce-models> [25 Apr 2020].
- Graham, P. (2019) *ecommerce-nation*, 26 Feb, [Online], Available: <https://www.ecommerce-nation.com/what-problems-faced-consumers-ecommerce/> [25 Apr 2020].
- Hyken, S. (2019) *acquire*, 12 Jul, [Online], Available: <https://acquire.io/blog/problems-solutions-ecommerce-faces/> [25 Apr 2020].
- Kilinzo, R. *ecommerce guide*, [Online], Available: <https://ecommerceguide.com/guides/what-is-ecommerce/> [25 Apr 2020].
- Kimery, K.M. (2008) *igi-globa*, 18 Nov, [Online], Available: <https://www.igi-global.com/chapter/signals-trustworthiness-commerce/9477> [25 Apr 2020].
- Kininzo, R. *ecommerce guide*, [Online], Available: <https://ecommerceguide.com/guides/what-is-ecommerce/> [25 Apr 2020].
- O'Raghallaigh, E. (2015) *digital strategy*, 08 June, [Online], Available: <https://digitalstrategy.ie/security-issues-in-e-commerce/> [25 Apr 2020].
- SANDY, K. (2018) *ecommerce ceo*, 13 May, [Online], Available: <https://www.ecommerceceo.com/types-of-ecommerce-business-models/> [25 Apr 2020].
- SANDY, K. (2018) *ecommerce ceo*, 13 May, [Online], Available: <https://www.ecommerceceo.com/types-of-ecommerce-business-models/> [25 Apr 2020].
- Sofia, D. (2020) *simplilearn*, 23 Mar, [Online], Available: <https://www.simplilearn.com/feasibility-study-article> [25 Apr 2020].
- Sofia, D. (2020) *simplilearn*, 23 Mar, [Online], Available: <https://www.simplilearn.com/feasibility-study-article> [25 Apr 2020].

Sofia, D. (2020) *simplilearn*, 23 March, [Online], Available: <https://www.simplilearn.com/feasibility-study-article> [25 April 2020].

15. Appendices

15.1 User Guide

Register
HOME > SIGN-UP >

Sign Up for Order Foods

First Name
Full Name

Email Address
Email Address

Phon Number
Phon Number

Address
Enter Address Here..

All customers can visit the website by using any browser but customer can't order any food items without registration and log-in. So, at first customer have to fulfill the all condition of the restaurant for registration.

Log In
HOME > SIGN-IN >

Email Address
fahima@gmail.com

Password
.....|

Signup

After complete the registration the website will take automatically the Log-In page because the page have done by redirect. If the customer wants to go inside the website for orders any food items then customer will give the email id and password.

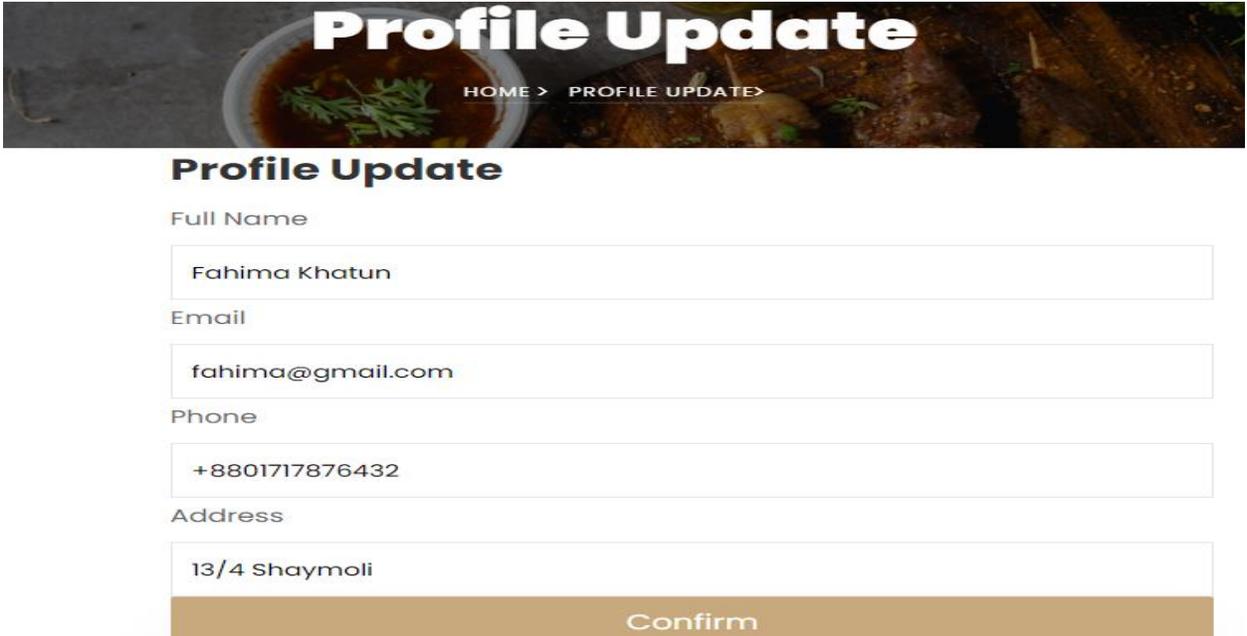


The screenshot shows a web page titled "Profile" with a background image of a bowl of soup. The page has a navigation menu with "MENU" and "PROFILE" options. Below the header, the profile information is displayed in a table-like structure:

Profile	
Full Name:	Fahima Khatun
Email:	fahima@gmail.com
Phone:	+8801717876432
Address:	13/4 Shaymoli

At the bottom of the profile information, there are two buttons: "Update Profile" and "Update Password".

Customer can view the profile which that information has been registered in this website.



The screenshot shows a web page titled "Profile Update" with a background image of a bowl of soup. The page has a navigation menu with "HOME" and "PROFILE UPDATE" options. Below the header, the profile information is displayed in a form with input fields:

Profile Update

Full Name

Email

Phone

Address

At the bottom of the form, there is a "Confirm" button.

Customer will be able to update their profile if the customer wants to change any information.

Password Update

HOME > PASSWORD UPDATE >

Password Update

Password

Confirm Password

Confirm

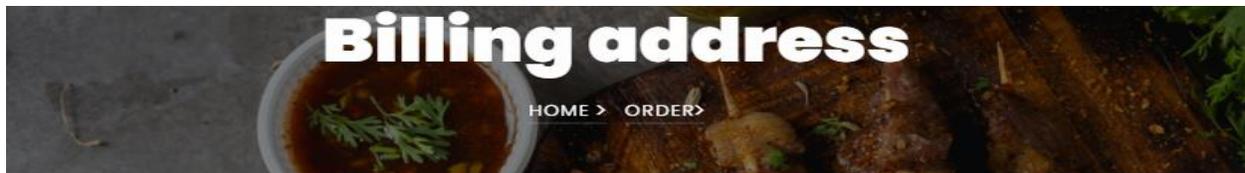
Also, Customer will be able to update their password if the old password is difficult to remember.

Specialties

HOME > MENU >

Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		OrderNow Comment
Rice	Lunch	250		OrderNow Comment
Kacchi	Dinner	560		OrderNow Comment

If the customer wants to order any food items then the customer click into Ordernow button.



Billing address

Food Name

Rice

Customer Full Name

Fahima Khatun

Unit Price

250

Quantity

After click the Ordernow button the website will take automatically the Billing address pages then the customer choose the number of quantity but customer cannot order more than 10.

Quantity

10

Total Price

2500

Payment Method Name

Bkash

Account Number (pay option only)

1518321815

TrxID

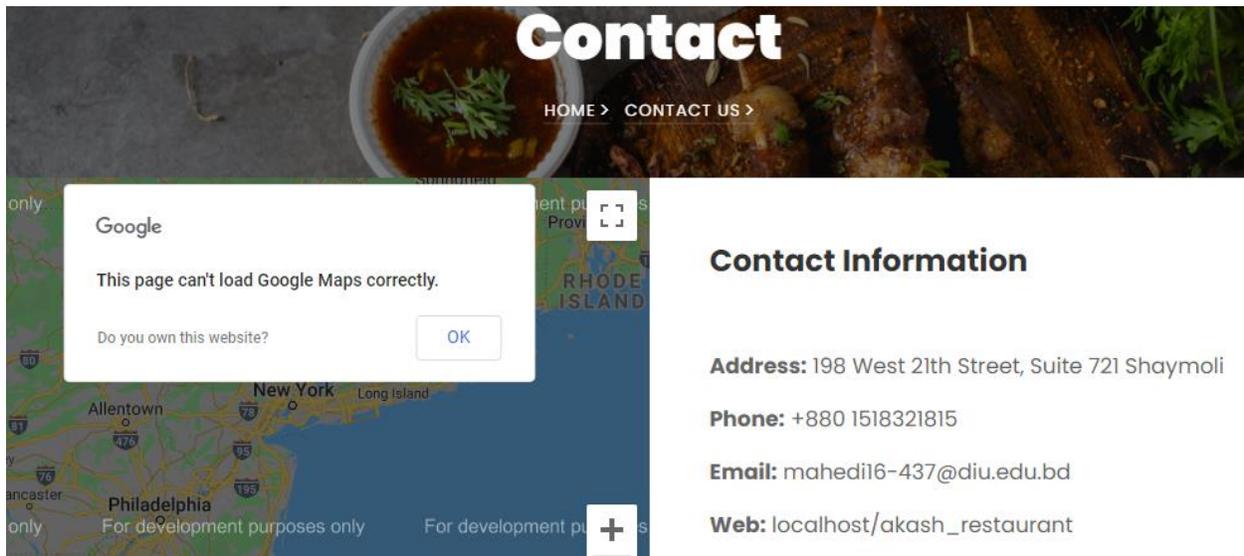
po2561fgh|

Confirm

After choose the number of quantity then automatically show total price for number of order items then customer paid the total amount by the Bkash and customer type the Bkash TrxID then click into confirm button.

Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		OrderNow Comment
Rice	Lunch	250		OrderNow Comment
Kacchi	Dinner	560		OrderNow Comment

If the customer wants to comment about of our menu items then the customer click the comment button then the website will take automatically the review page. Then customers type their message into message box then click into the send message button.



Contact

HOME > CONTACT US >

Contact Information

Address: 198 West 21th Street, Suite 721 Shaymoli

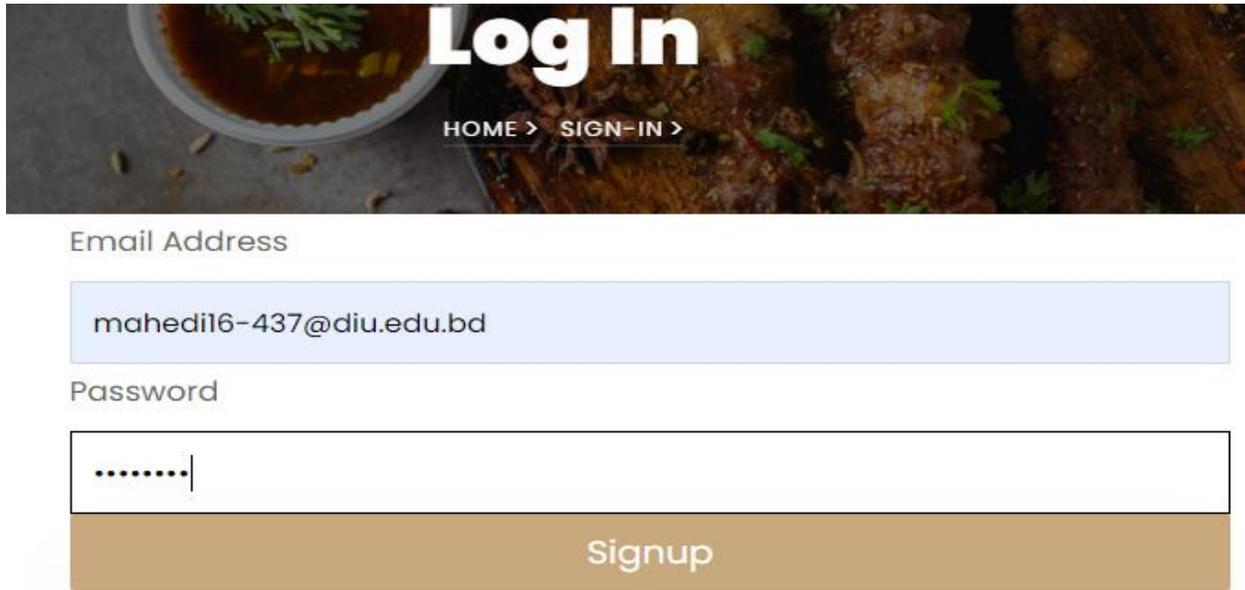
Phone: +880 1518321815

Email: mahedi16-437@diu.edu.bd

Web: localhost/akash_restaurant

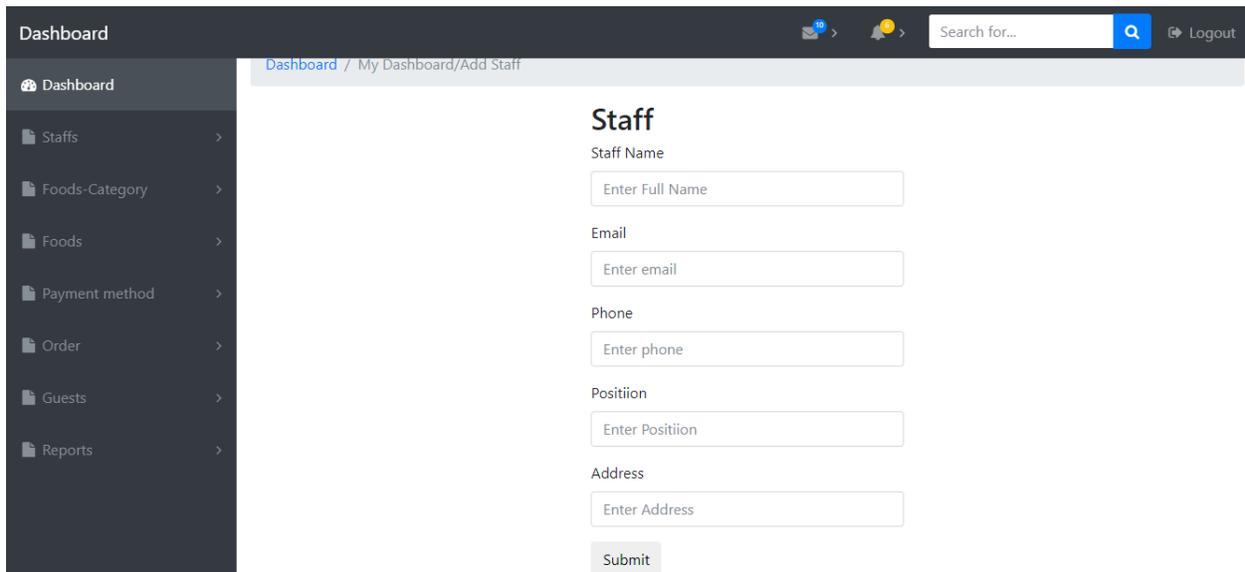
If the customers face any problem with restaurant then customer can contact with the restaurant manager by the contact information.

15.2 Admin Guide



The login form features a header with the text "Log In" and a breadcrumb trail "HOME > SIGN-IN >". Below the header, there are two input fields: "Email Address" containing "mahedi16-437@diu.edu.bd" and "Password" containing seven dots. A "Signup" button is located at the bottom of the form.

If the admin wants to go inside the admin panel to view the orders, reports etc. then admin will give the email id and password.



The dashboard shows a sidebar with navigation options: Dashboard, Staffs, Foods-Category, Foods, Payment method, Order, Guests, and Reports. The main content area is titled "Staff" and contains a form with the following fields: "Staff Name" (Enter Full Name), "Email" (Enter email), "Phone" (Enter phone), "Position" (Enter Position), and "Address" (Enter Address). A "Submit" button is at the bottom of the form.

Admin can add the new staff. In that case admin have to fulfill the all condition for staff of the restaurant.

Staffs

Add Staff

Staffs Name	Email	Phone	Position	Address	Action
Abbas Uddin	abbas@gmail.com	+8801567587665	Delivery Man	Kallanpur	Delete

After completed the condition for staff then the admin view the staff details from the admin panel.

Dashboard / My Dashboard/Add Food Category

Food Category

Category Name

Ingredients

Submit

Admin can add the food category. In that case admin have to fulfill the all condition for food category of the restaurant.

Dashboard / Category

Category

Add Category

Category Name	Ingredients	Action
Dinner	Beef, Rice	Update Delete
Lunch	Beef, Rice, Tomato	Update Delete
Breakfast	Porata, Dim	Update Delete

After completed the condition for food category then admin view the food category details from the admin panel.

Dashboard

Dashboard / My Dashboard/Add Food

Food Add

Food Name

Food Category

Price

Food Image
 No file chosen

Admin can add the new foods. In that case admin have to fulfill the all condition for foods of the restaurant.

Dashboard

Foods

[Add Foods](#)

Food Name	Category	Price	Food Image	Action
Porata	Breakfast	150		<input type="button" value="Update"/> <input type="button" value="Delete"/>
Rice	Lunch	250		<input type="button" value="Update"/> <input type="button" value="Delete"/>
Kacchi	Dinner	560		<input type="button" value="Update"/> <input type="button" value="Delete"/>

After completed the condition for foods then the admin view the foods details from the admin panel.

The screenshot shows the 'Add Payment Method' form in the admin dashboard. The breadcrumb trail is 'Dashboard / My Dashboard / Add Payment Method'. The form has two input fields: 'Method Name' with the placeholder 'Enter payment method name' and 'Account Number' with the placeholder 'Enter account number'. A 'Submit' button is located below the second field. The left sidebar contains menu items: Dashboard, Staffs, Foods-Category, Foods, Payment method, Order, Guests, and Reports.

Admin can add the new payment method. In that case admin have to fulfill the all condition for payment method of the restaurant.

The screenshot shows the 'Payment Method' list in the admin dashboard. The breadcrumb trail is 'Dashboard / Payment Method'. There is an 'Add Method' button. Below it is a table with the following data:

Method Name	Account Number	Action
Bkash	1518321815	Update Delete

The left sidebar contains menu items: Dashboard, Staffs, Foods-Category, Foods, Payment method, Order, Guests, and Reports.

After completed the condition for payment method then the admin view the payment method details from the admin panel.

The screenshot shows the admin dashboard with a sidebar menu on the left containing items like Dashboard, Staffs, Foods-Category, Foods, Payment method, Order, Guests, and Reports. The main content area is titled 'Orders' and contains a table with the following data:

Food Name	Customer	Quantity	Total Price	Method	Account	TrxID	Date	Order Status	Action
Kacchi	Elias Hossen	2	1120	3	1518321815	dfghj52ghj	2020-11-01 23:45:27	confirm	Update

Admin can view the customer order form the admin panel. Then admin click the update button then the website will take automatically the update order status info page.

The screenshot shows the 'Update Order Status Info' page. It features a form with the following elements:

- Update Order Status Info** (Section Header)
- Order status: confirm (Text input field)
- Submit (Button)

Admin can confirm the customer pending orders from the admin panel

The screenshot shows a dashboard with a sidebar menu on the left containing items like Dashboard, Staffs, Foods-Category, Foods, Payment method, Order, Guests, and Reports. The main content area displays a 'Message' notification in a table format.

Guests Name	Guests Email	Subject	Description
Elias Hossen	Elias@gmail.com	Kacchi	Your Dinner items are very delicious, just love it

Admin can view the customer review form the admin panel.

The screenshot shows the 'Daily Sell' report with a breadcrumb trail: Dashboard / My Dashboard/Reports/Daily. The report is presented as a table with two columns: Daily and Total.

Daily	Total
2020-11-01	1120

The screenshot shows the 'Monthly Sell' report with a breadcrumb trail: Dashboard / My Dashboard/Reports/Monthly. The report is presented as a table with two columns: Month and Total.

Month	Total
November	1120

The screenshot shows the 'Yearly Sell' report with a breadcrumb trail: Dashboard / My Dashboard/Report/Yearly. The report is presented as a table with two columns: Yearly and Total.

Yearly	Total
2020	1120

Admin can view the daily sell monthly sell and yearly sell form the admin panel.

16. System Code

```

1 <?php
2 include_once 'partials/header.php';
3 include_once 'partials/nav-top.php';
4 include_once 'partials/nav.php';
5 $headerStyle = array();
6 $footerScript = array();
7 $siteTitle = "SignUp";
8 $errors = array();
9 if ($_SERVER["REQUEST_METHOD"] == "POST") {
10     $fname = inputValid($_POST["fname"]);
11     $email = inputValid($_POST["email"]);
12     $phone = inputValid($_POST["phone"]);
13     $address = inputValid($_POST["address"]);
14     $pass = inputValid($_POST["pass"]);
15     $con_pass = inputValid($_POST["con_pass"]);
16
17     if (
18         $fname == "" ||
19         $email == "" ||
20         $phone == "" ||
21         $address == "" ||
22         $pass == "" ||
23         $con_pass == ""
24     ){
25         $errors += array("Fields can't be blank.");
26     }
27     if ($con_pass != $pass) {
28         $errors += array("Password did not match with confirm password.");
29     }
30     if (strlen($pass) < 6) {
31         $errors += array("Password must be more then 6 letters.");
32     }
33     if (rowCount("users", $email, "email")) {
34         $errors += array("You are already register please login to your account.");
35     }
36     if (count($errors) == 0) {
37         try {
38             $data = array(
39                 "fname" => $fname,
40                 "email" => $email,
41                 "phone" => $phone,
42                 "address" => $address,

```

```

43                 "pass" => $pass
44             );
45             insertValue("users", $data);
46             setSessionMessage("success", "Product succesfully added.");
47             redirect("signin.php");
48             return;
49         } catch (PDOException $e) {
50             $errors = array($e->getMessage());
51         }
52     }
53 }
54 ?>
55 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5">
56 <div class="overlay"></div>
57 <div class="container">
58 <div class="row no-gutters slider-text align-items-end justify-content-center">
59 <div class="col-md-9 ftco-animate text-center mb-4">
60 <h1 class="mb-2 bread">Register</h1>
61 <p class="breadcrumbs"><span class="mr-2"><a href="index.php">Home <i class="ion-ios-arrow-forward"></i></a></span>
62 <span>Sign-UP <i class="ion-ios-arrow-forward"></i></span></p>
63 </div>
64 </div>
65 </section>
66
67 <section>
68 <div class="form">
69 <div class="container">
70 <div class="row">
71 <div class="col-lg-3"></div>
72 <div class="col-lg-7">
73 <div class="signup">
74 <form action="" class="Sing_form" method="POST">
75 <div class="hig">
76 <h3 class="h3_titel"><b>Sign Up for Order Foods</b></h3>
77 </div>
78 <?php if (count($errors) != 0): ?>
79 <?php foreach ($errors as $error): ?>

```

```

80         <?=$alertHtml($error); ?>
81         <?php endforeach ?>
82         <?php endif ?>
83     <div class="input_f_1">
84     <div class="col-xs-6">
85         <label for="fname"> First Name</label>
86         <input type="text" id="fname" class="form-control" placeholder="Full Name" name="fname">
87     </div>
88 </div>
89 <div class="other_row">
90 <div class="col-xs-12">
91     <label for="email"> Email Address </label>
92     <input type="email" id="email" class="form-control" placeholder="Email Address" name="email">
93 </div>
94
95 <div class="col-xs-12">
96     <label for="phonnum">Phon Number</label>
97     <input type="text" class="form-control" id="phonnum" name="phone" placeholder="Phon Number">
98 </div>
99
100
101 <div class="col-xs-12">
102     <label for="address">Address</label>
103     <textarea placeholder="Enter Address Here.." rows="3" class="form-control" id="address"
104         name="address"></textarea>
105 </div>
106 <div class="col-xs-6 xs">
107     <label class="pass" for="pass">Password</label>
108     <input type="Password" class="form-control" id="pass" name="pass" placeholder="Password">
109 </div>
110 <div class="col-xs-6 xs">
111     <label class="con-pass" for="con-pass">Confirm Password</label>
112     <input type="Password" class="form-control" name="con_pass" id="con-pass" placeholder="Confirm Password"
113         ">
114 </div>
115 </div>
116 <div class="col-xs-12">
117     <button type="submit" class="btn btn-primary btn-lg btn-block" name="register"> Signup</button>
118 </div>
119 </form>
<div class="login link">

```

```

120     <a href="signin.php" class="login_a">Already have an account? Please Sign in</a>
121 </div>
122
123 </div>
124
125
126 </div>
127
128 </div>
129 </div>
130 </div>
131 </section>
132 <?php
133 include_once 'partials/footer.php';
134 ?>

```

1. System Code for Sign-In page

```

1  <?php
2  include_once 'partials/header.php';
3  include_once 'partials/nav-top.php';
4  include_once 'partials/nav.php';
5  $errors = array();
6  if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["login"])) {
7      $email = inputValid($_POST["email"]);
8      $password = inputValid($_POST["pass"]);
9
10     if ($email === "" || $password === "" ) {
11         $errors += array("Fields can't be blank.");
12     }
13     if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
14         $errors +=array("Enter A Valid Email Please");
15     }
16     if (!rowCount("users", $email, "email")) {
17         $errors += array("Wrong email or password.");
18     }
19
20
21
22     if (count($errors) === 0) {
23
24         try {
25             if (getById("users", $email, "email")) {
26                 $userData = getById("users", $email, "email");
27                 if ($password != $userData["pass"]) {
28                     $errors[] = "Wrong email or password.";
29                 } else {
30                     $_SESSION["u_id "] = $userData["u_id"];
31                     $_SESSION["email"] = $email;
32
33                     if ($userData["role"] == "1") {
34                         $_SESSION["user_type"] = "admin";
35                         redirect("admin/index.php");
36                     } else if($userData["role"] == "0"){
37                         $_SESSION["user_type"] = "user";
38                         redirect("profile.php");
39                     }
40                 }
41             }else{
42                 if (!isset($_SESSION["login count"])) {

```

```

43         $_SESSION["login_count"] = 2;
44     } else{
45         $_SESSION["login_count"] += 1;
46     }
47     if (isset($_SESSION["login_count"]) && $_SESSION["login_count"] == 5) {
48         setcookie("attempt_faild", true, time()+300);
49     }
50     $errors += array(" Email Wrong or password Wrong.");
51 }
52 }
53 } catch (PDOException $e) {
54     $errors[] = $e->getMessage();
55 }
56 }
57 }
58 }
59 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5">
60 <div class="overlay"></div>
61 <div class="container">
62 <div class="row no-gutters slider-text align-items-end justify-content-center">
63 <div class="col-md-9 ftco-animate text-center mb-4">
64 <h1 class="mb-2 bread">Log In</h1>
65 <p class="breadcrumbs"><span class="mr-2"><a href="index.php">Home <i class="ion-ios-arrow-forward"></i></a></span>
66 <span>Sign-In <i class="ion-ios-arrow-forward"></i></span></p>
67 </div>
68 </div>
69 </section>
70
71 <section>
72 <div class="form">
73 <div class="container">
74 <div class="row">
75 <div class="col-lg-3"></div>
76 <div class="col-lg-7">
77 <div class="signup">
78 <form action="" class="Sing_form" method="post">
79 <div class="hig">
80
81 </div>
82 <div class="other_row">
83 <div class="col-xs-12">

```

```

84         <?php if (isset($_COOKIE["attempt_faild"]) && $_COOKIE["attempt_faild"]): ?>
85         <?php echo alertHtml("Plese try it after 5 minutes."); ?>
86         <?php endif ?>
87     <?php if (count($errors) != 0): ?>
88         <?php foreach ($errors as $error): ?>
89             <?=alertHtml($error); ?>
90         <?php endforeach ?>
91     <?php endif ?>
92     <label for="email"> Email Address </label>
93     <input type="email" class="form-control" placeholder="Email" name="email">
94 </div>
95     <div class="col-xs-6 xs">
96     <label class="pass" for="pass">Password</label>
97     <input type="Password" class="form-control" name="pass" id="pass" placeholder="Password">
98 </div>
99 </div>
100 <div class="col-xs-12">
101     <button type="submit" class="btn btn-primary btn-lg btn-block" name="login"> Signup</button>
102 </div>
103 </form>
104 <div class="login_link">
105     <a href="signup.php" class="login_a">Don't have an account? Please Sign Up</a>
106 </div>
107 </div>
108 </div>
109 </div>
110 </div>
111 </div>
112 </div>
113 </div>
114 </div>
115 </div>
116 </div>
117 </section>
118 <?php
119     include_once 'partials/footer.php';
120 ?>

```

2. System Code for Profile page

```

profile.php
1 <?php
2     include_once 'partials/header.php';
3     include_once 'partials/nav-top.php';
4     include_once 'partials/nav.php';
5     if(!isLoggedIn()){
6         redirect("signin.php");
7     }
8     $user = getById("users", $_SESSION["email"], "email");
9     ?>
10
11 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5"
12 >
13     <div class="overlay"></div>
14     <div class="container">
15         <div class="row no-gutters slider-text align-items-end justify-content-center">
16             <div class="col-md-9 ftco-animate text-center mb-4">
17                 <h1 class="mb-2 bread">Profile</h1>
18                 <p class="breadcrumbs"><span class="mr-2"><a href="menu.php">Menu<i class="ion-ios-arrow-forward"></i></a></span> <span>Profile<i class="ion-ios-arrow-forward"></i></span></p>
19             </div>
20         </div>
21     </section>
22 <div class="container-fluid">
23 <div class="row">
24 <div class="col-lg-4"></div>
25 <div class="col-lg-4">
26 <form method="post" action="" class="form-group">
27 <div class="profile">
28 <ul class="list-group">
29 <li class="list-group-item profile" style="text-align: center"><b>Profile</b></li>
30 <li class="list-group-item"><b>Full Name:</b> <?php echo $user["fname"];?></li>
31 <li class="list-group-item"><b>Email:</b> <?=$user["email"];?></li>
32 <li class="list-group-item"><b>Phone:</b> <?=$user["phone"];?></li>
33 <li class="list-group-item"><b>Address:</b> <?=$user["address"];?></li>
34 </ul>
35 <a class="btn btn-primary" href="profile-update.php?id=<?=$_SESSION["email"];?>">Update Profile</a>
36 <a class="btn btn-primary" href="password-update.php?id=<?=$_SESSION["email"];?>">Update Password</a>
37 </div>
38 </form>
39 </div>
40
41 </div>
42 </div>
43
44
45 <?php
46     include_once 'partials/footer.php';
47 ?>

```

3. System Code for Profile update page

```

profile-update.php
1  <?php
2      include_once 'partials/header.php';
3      include_once 'partials/nav-top.php';
4      include_once 'partials/nav.php';
5      if(!isLogin()){
6          redirect("login.php");
7      }
8      $errors = array();
9      $user = getById("users", $_SESSION["email"], "email");
10
11     if (isset($_GET['id'])) {
12         $_SESSION['id'] = $_GET['id'];
13     }
14     if (!isset($_SESSION['id'])) {
15         redirect("profile.php");
16     }
17     if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["confirm"])) {
18         $username = inputValid($_POST["username"]);
19         $email = inputValid($_POST["email"]);
20         $phone = inputValid($_POST["phone"]);
21         $address = inputValid($_POST["address"]);
22
23         if ($username === "" || $email === "" || $phone === "" || $address === "") {
24             $errors += array("Fields can't be blank.");
25         }
26         if (count($errors) === 0) {
27
28             try {
29                 $dbprofile = array(
30                     "fname" => $username,
31                     "email" => $email,
32                     "phone" => $phone,
33                     "address" => $address
34                 );
35                 updateById("users", $_SESSION['id'], $dbprofile, 'email');
36                 setSessionMessage("success", "Update Profile Successfully.");
37                 redirect("profile.php");
38             } catch (PDOException $e) {
39                 $errors = array($e->getMessage());
40             }
41         }
42     }

```

```

43 }
44
45 >>
46 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5">
47     <div class="overlay"></div>
48     <div class="container">
49         <div class="row no-gutters slider-text align-items-end justify-content-center">
50             <div class="col-md-9 ftco-animate text-center mb-4">
51                 <h1 class="mb-2 bread">Profile Update</h1>
52                 <p class="breadcrumbs"><span class="mr-2"><a href="index.php">Home <i class="ion-ios-arrow-forward"></i></a></span>
53                     <span>Profile Update<i class="ion-ios-arrow-forward"></i></span></p>
54             </div>
55         </div>
56     </section>
57
58     <section>
59         <div class="form">
60             <div class="container">
61                 <div class="row">
62                     <div class="col-lg-3"></div>
63                     <div class="col-lg-7">
64                         <div class="signup">
65                             <form action="" class="Sing_form" method="post">
66                                 <div class="hig">
67                                     <h3 class="h3_titel"><b>Profile Update</b></h3>
68                                 </div>
69                                 <?php if (count($errors) != 0): ?>
70                                 <?php foreach ($errors as $error): ?>
71                                     <?alertHtml($error); ?>
72                                 <?php endforeach ?>
73                                 <?php endif ?>
74
75                                 <div class="other_row">
76                                     <div class="col-xs-12">
77                                         <label for="username">Full Name </label>
78                                         <input type="text" value="<?=$user["fname"];?>" class="form-control" id="username" name="username">
79                                     </div>
80                                 </div>
81
82                                 <div class="col-xs-6 xs">
83                                     <label class="pass" for="email">Email</label>

```

```

84         <input type="email" value="<?=$user["email"];?>" class="form-control" name="email" id="email" >
85     </div>
86     <div class="col-xs-6 xs">
87         <label class="pass" for="phone">Phone</label>
88         <input type="text" value="<?=$user["phone"];?>" class="form-control" name="phone" id="phonephone">
89     </div>
90     <div class="col-xs-6 xs">
91         <label class="pass" for="address">Address</label>
92         <input type="text" value="<?=$user["address"];?>" class="form-control" name="address" id="address">
93     </div>
94
95     </div>
96     <div class="col-xs-12"><button type="submit" class="btn btn-primary btn-lg btn-block" name="confirm">Confirm</
97     button>
98 </div>
99 </form>
100
101 </div>
102
103 </div>
104
105 </div>
106 </div>
107 </div>
108 </section>
109 <script type="text/javascript">
110
111
112 </script>
113 <?php
114     include_once 'partials/footer.php';
115     ?>

```

4. System Code for Password update page

```

password-update.php x
1 <?php
2     include_once 'partials/header.php';
3     include_once 'partials/nav-top.php';
4     include_once 'partials/nav.php';
5     if(!isLoggedIn()){
6         redirect("login.php");
7     }
8     $errors = array();
9     $user = getById("users", $_SESSION["email"], "email");
10
11     if (isset($_GET['id'])) {
12         $_SESSION['id'] = $_GET['id'];
13     }
14     if (!isset($_SESSION['id'])) {
15         redirect("profile.php");
16     }
17     if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["confirm"])) {
18         $pass = inputValid($_POST["pass"]);
19         $cpass = inputValid($_POST["cpass"]);
20
21         if ($pass === "" || $cpass === "") {
22             $errors += array("Fields can't be blank.");
23         }
24         if ($cpass != $pass) {
25             $errors += array("Password did not match with confirm password.");
26         }
27         if (strlen($pass) < 6) {
28             $errors += array("Password must be more then 6 letters.");
29         }
30
31         if (count($errors) === 0) {
32
33             try {
34                 $dbprofile = array(
35                     "pass" => $pass
36                 );
37                 updateById("users", $_SESSION['id'], $dbprofile, 'email');
38                 setSessionMessage("success", "Update Password Successfully.");
39                 redirect("profile.php");
40             } catch (PDOException $e) {
41                 $errors = array($e->getMessage());
42             }

```

```

43     }
44   }
45 }
46
47 ?>
48 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5">
49   <div class="overlay"></div>
50   <div class="container">
51     <div class="row no-gutters slider-text align-items-end justify-content-center">
52       <div class="col-md-9 ftco-animate text-center mb-4">
53         <h1 class="mb-2 bread">Password Update</h1>
54         <p class="breadcrumbs"><span class="mr-2"><a href="index.php">Home <i class="ion-ios-arrow-forward"></i></a></span>
55         <span>Password Update<i class="ion-ios-arrow-forward"></i></span></p>
56       </div>
57     </div>
58   </section>
59
60   <section>
61     <div class="form">
62     <div class="container">
63       <div class="row">
64         <div class="col-lg-3"></div>
65         <div class="col-lg-7">
66           <div class="signup">
67             <form action="" class="Sing_form" method="post">
68               <div class="hig">
69
70                 <h3 class="h3_titel"><b>Password Update</b></h3>
71               </div>
72               <?php if (count($errors) != 0): ?>
73               <?php foreach ($errors as $error): ?>
74                 <?=>alertHtml($error); ?>
75               <?php endforeach ?>
76             <?php endif ?>
77
78             <div class="other_row">
79               <div class="col-xs-12">
80                 <label for="pass">Password </label>
81                 <input type="Password" class="form-control" id="pass" name="pass">
82               </div>
83

```

```

84               <div class="col-xs-6 xs">
85                 <label class="pass" for="cpass">Confirm Password</label>
86                 <input type="Password" class="form-control" name="cpass" id="cpass" >
87               </div>
88
89             </div>
90             <div class="col-xs-12"><button type="submit" class="btn btn-primary btn-lg btn-block" name="confirm">Confirm</
91             button>
92             </div>
93           </form>
94         </div>
95       </div>
96     </div>
97   </div>
98 </div>
99 </div>
100 </div>
101 </div>
102 </section>
103 <script type="text/javascript">
104
105
106 </script>
107 <?php
108   include_once 'partials/footer.php';
109 ?>

```

5. System Code for Menu page

```

1  <?php
2  include_once 'partials/header.php';
3  include_once 'partials/nav-top.php';
4  include_once 'partials/nav.php';
5  $errors = array();
6  $all_food = getAll("foods", "id");
7  $all_user = getAll("users", "u_id ");
8  $all_category = getAll("foods_category", "id");
9  ?>
10
11  <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5"
12  >
13    <div class="overlay"></div>
14    <div class="container">
15      <div class="row no-gutters slider-text align-items-end justify-content-center">
16        <div class="col-md-9 ftco-animate text-center mb-4">
17          <h1 class="mb-2 bread">Specialties</h1>
18          <p class="breadcrumbs"><span class="mr-2"><a href="index.html">Home <i class="ion-ios-arrow-forward"></i></a></span>
19          <span>Menu <i class="ion-ios-arrow-forward"></i></span></p>
20        </div>
21      </div>
22    </div>
23  </section>
24
25  <div class="container">
26    <div class="row">
27      <div class="col-lg-12">
28        <?php if (count($all_food) != 0): ?>
29        <table class="table table-bordered">
30          <thead>
31            <tr>
32              <th>Food Name</th>
33              <th>Category</th>
34              <th>Price</th>
35              <th>Food Image</th>
36              <th>Action</th>
37            </tr>
38          </thead>
39          <tbody>
40            <?php foreach ($all_food as $food): ?>

```

```

41  $stm = database()->prepare("SELECT c.category_name AS category FROM foods AS f, foods_category as c WHERE f.category = c.id AND
42  f.id = :id");
43  $stm->execute(array("id" => $food["id"]));
44  $data = $stm->fetch();
45  ?>
46  <tr>
47    <td><?= $food["food_name"]; ?></td>
48    <td><?=$data["category"];?></td>
49
50    <td><?= $food["price"]; ?></td>
51    <td>" class="food_image" alt="img"></td>
52    <td>
53      <?php if (isLoggedIn()): ?><a class="btn btn-primary" href="food-orders.php?id=<?=$food["id"];?>">OrderNow</a>
54      <?php endif ?>
55
56      <?php if (!isLoggedIn()): ?>
57      <a class="btn btn-primary" href="signin.php">OrderNow</a>
58      <?php endif ?>
59
60      <a class="btn btn-primary" href="food-details.php?id=<?=$food["id"];?>">Comment</a>
61    </td>
62  </tr>
63  <?php endforeach ?>
64  </tbody>
65  </table>
66  <?php endif ?>
67  </div>
68  </div>
69  <?php
70  include_once 'partials/footer.php';
71  ?>

```

6. System Code for food orders page

```

1 <?php
2     include_once 'partials/header.php';
3     include_once 'partials/nav-top.php';
4     include_once 'partials/nav.php';
5     if(!isLoggedIn()){
6         redirect("login.php");
7     }
8     $errors = array();
9     if (isset($_GET['id'])) {
10         $_SESSION['id'] = $_GET['id'];
11     }
12     if (!isset($_SESSION['id'])) {
13         redirect("menu.php");
14     }
15     $allpayment_method = getAll("payment_method", "payment_method_id");
16     $user = getById("users", $_SESSION["email"], "email");
17     $all_food = getById("foods", $_SESSION['id'], "id");
18     if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["confirm"])) {
19         $foodname = inputValid($_POST["foodname"]);
20         $username = inputValid($_POST["username"]);
21         $unit_price = inputValid($_POST["unit_price"]);
22         $quantity = inputValid($_POST["quantity"]);
23         $total = inputValid($_POST["total"]);
24         $payment_method_name = inputValid($_POST["payment_method_name"]);
25         $account_number = inputValid($_POST["account_number"]);
26         $TrxID = inputValid($_POST["TrxID"]);
27
28         if ($quantity === "" || $total === "") {
29             $errors += array("Fields can't be blank.");
30         }
31         if (count($errors) === 0) {
32
33             try {
34                 $dborders = array(
35                     "food" => $_SESSION["id"],
36                     "customer" => $user["u_id"],
37                     "unit_price" => $unit_price,
38                     "quantity" => $quantity,
39                     "total_price" => $total,
40                     "payment_method" => $payment_method_name,
41                     "account_number" => $account_number,
42                     "order status" => "Pending",

```

```

43                     "TrxID" => $TrxID
44                 );
45                 insertValue("orders", $dborders);
46                 setSessionMessage("success", "Add Orders Successfully.");
47                 redirect("menu.php");
48             } catch (PDOException $e) {
49                 $errors = array($e->getMessage());
50             }
51         }
52     }
53 }
54
55
56 <?>
57 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5">
58     <div class="overlay"></div>
59     <div class="container">
60         <div class="row no-gutters slider-text align-items-end justify-content-center">
61             <div class="col-md-9 ftco-animate text-center mb-4">
62                 <h1 class="mb-2 bread">Billing address</h1>
63                 <p class="breadcrumbs"><span class="mr-2"><a href="index.php">Home <i class="ion-ios-arrow-forward"></i></a></span>
64                 <span>Order<i class="ion-ios-arrow-forward"></i></span></p>
65             </div>
66         </div>
67     </div>
68 </section>
69
70 <section>
71     <div class="form">
72     <div class="container">
73     <div class="row">
74     <div class="col-lg-3"></div>
75     <div class="col-lg-7">
76     <div class="signup">
77     <form action="" class="Sing_form" method="post">
78     <div class="hig">
79     <h3 class="h3_titel"><b>Billing address</b></h3>
80     </div>
81     <?php if (count($errors) != 0): ?>
82     <?php foreach ($errors as $error): ?>
83     <?=alertHtml($error); ?>
84     <?php endforeach ?>

```

```

84 <?php endif ?>
85
86 <div class="other_row">
87 <div class="col-xs-12">
88 <label for="foodname"> Food Name </label>
89 <input type="text" readonly="readonly" value="<?=$all_food["food_name"];?>" class="form-control" id="
    foodname" name="foodname">
90 </div>
91 <div class="col-xs-12">
92 <label for="username"> Customer Full Name </label>
93 <input type="text" readonly="readonly" value="<?=$user["fname"];?>" class="form-control" id="username" name
    ="username">
94 </div>
95
96 <div class="col-xs-6 xs">
97 <label class="pass" for="unit_price">Unit Price</label>
98 <input type="number" readonly="readonly" value="<?=$all_food["price"];?>" class="form-control" name="
    unit_price" id="unit_price" >
99 </div>
100 <div class="col-xs-6 xs">
101 <label class="pass" for="quantity">Quantity</label>
102 <input type="number" min="1" max="10" class="form-control" name="quantity" id="quantity">
103 </div>
104 <div class="col-xs-6 xs">
105 <label class="pass" for="total">Total Price</label>
106 <input type="number" class="form-control" name="total" id="total" readonly="readonly" onfocus="
    getTotalTaka();">
107 </div>
108 <div class="col-xs-6 xs">
109 <label class="pass" for="methodname">Payment Method Name</label>
110 <?php if (!empty($allpayment_method)): ?>
111 <select class="form-control" name="payment_method_name" id="methodname">
112 <?php foreach ($allpayment_method as $method): ?>
113 <option value="<?=$method["payment_method_id"];?>"><?=$method["payment_method_name"];
    ?></option>
114 <?php endforeach ?>
115 </select>
116 <?php endif ?>
117 </div>
118 <div class="col-xs-6 xs">
119 <label class="pass" for="account_number">Account Number <small><b>(pay option only)</b></small></label>

```

```

120 <?php if (!empty($allpayment_method)): ?>
121 <select class="form-control" name="account_number" id="account_number">
122 <?php foreach ($allpayment_method as $methods): ?>
123 <option value="<?=$methods["payment_method_id"];?>"><?=$methods["account_number"];?>
    </option>
124 <?php endforeach ?>
125 </select>
126 <?php endif ?>
127 </div>
128 <div class="col-xs-6 xs">
129 <label class="pass" for="TrxID">TrxID</label>
130 <input type="text" class="form-control" name="TrxID" id="TrxID">
131 </div>
132
133 </div>
134 <div class="col-xs-12"><button type="submit" class="btn btn-primary btn-lg btn-block" name="confirm">Confirm</
    button>
135 </div>
136 </form>
137
138 </div>
139
140
141 </div>
142
143 </div>
144 </div>
145 </div>
146 </section>
147 <script type="text/javascript">
148
149
150 function getTotalTaka() {
151     var quantity = document.getElementById("quantity").value;
152     var unit_price = document.getElementById("unit_price").value;
153     document.getElementById("total").value = quantity * unit_price;
154 }
155
156 </script>
157 <?php
158 include_once 'partials/footer.php';
159 ?>

```

7. System Code for food details page

```

1  <?php
2  include_once 'partials/header.php';
3  include_once 'partials/nav-top.php';
4  include_once 'partials/nav.php';
5  if(!isLoggedIn()){
6      redirect("signin.php");
7  }
8  $errors = array();
9  if (isset($_GET['id'])) {
10     $_SESSION['id'] = $_GET['id'];
11 }
12 if (!isset($_SESSION['id'])) {
13     redirect("menu.php");
14 }
15 $user = getById("users", $_SESSION["email"], "email");
16 $all_food = getById("foods", $_SESSION['id'], "id");
17
18 if ($_SERVER["REQUEST_METHOD"] == "POST") {
19     $uname = inputValid($_POST["uname"]);
20     $email = inputValid($_POST["email"]);
21     $foodname = inputValid($_POST["foodname"]);
22     $message = inputValid($_POST["message"]);
23
24     if (
25         $uname === "" ||
26         $email === "" ||
27         $foodname === "" ||
28         $message === ""
29     ){
30         $errors += array("Fields can't be blank.");
31     }
32     if (count($errors) === 0) {
33         try {
34             $data = array(
35                 "user" => $uname,
36                 "email" => $email,
37                 "food" => $foodname,
38                 "description" => $message
39             );
40             insertValue("message", $data);
41             setSessionMessage("success", "Message successfully send.");
42             redirect("story.php");

```

```

43         return;
44     } catch (PDOException $e) {
45         $errors = array($e->getMessage());
46     }
47 }
48 }
49 }
50 }
51
52 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5"
53 >
54 <div class="overlay"></div>
55 <div class="container">
56 <div class="row no-gutters slider-text align-items-end justify-content-center">
57 <div class="col-md-9 ftco-animate text-center mb-4">
58 <h1 class="mb-2 bread">Review</h1>
59 <p class="breadcrumbs"><span class="mr-2"><a href="menu.php">Menu<i class="ion-ios-arrow-forward"></i></a></span> <
60 <span>Review<i class="ion-ios-arrow-forward"></i></span></p>
61 </div>
62 </div>
63 </section>
64 <div class="container-fluid">
65 <div class="row">
66 <div class="col-lg-4"></div>
67 <div class="col-lg-4">
68 <h2 class="h4 mb-2 mb-md-5 font-weight-bold">Review</h2>
69 <form action="" method="post">
70 <div class="form-group">
71 <input type="text" name="uname" readonly="readonly" value="<?=$user["fname"]; ?>" class="form-control"
72 placeholder="Your Name">
73 </div>
74 <div class="form-group">
75 <input type="text" name="email" readonly="readonly" value="<?=$user["email"]; ?>" class="form-control"
76 placeholder="Your Email">
77 </div>
78 <div class="form-group">
79 <input type="text" name="foodname" readonly="readonly" value="<?=$all_food["food_name"]; ?>" class="form-control"
80 placeholder="FoodName">
81 </div>
82 <div class="form-group">
83 <input type="text" name="message" id="" cols="30" rows="7" class="form-control" placeholder="Message"></div>

```

```

84 <div class="form-group">
85 <input type="submit" value="Send Message" class="btn btn-primary py-3 px-5">
86 </div>
87 </form>
88 </div>
89 </div>
90 </div>
91 <?php
92 include_once 'partials/footer.php';
93 }

```

8. System Code for contact page

```

1 <?php
2 include_once 'partials/header.php';
3 include_once 'partials/nav-top.php';
4 include_once 'partials/nav.php';
5
6 >?>
7 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5"
8 >
9 <div class="overlay"></div>
10 <div class="container">
11 <div class="row no-gutters slider-text align-items-end justify-content-center">
12 <div class="col-md-9 ftco-animate text-center mb-4">
13 <h1 class="mb-2 bread">Contact</h1>
14 <p class="breadcrumbs"><span class="mr-2"><a href="index.html">Home <i class="ion-ios-arrow-forward"></i></a></span>
15 <span>Contact us <i class="ion-ios-arrow-forward"></i></span></p>
16 </div>
17 </div>
18 </div>
19 </section>
20 <section class="ftco-section ftco-no-pt ftco-no-pb contact-section">
21 <div class="container">
22 <div class="row d-flex align-items-stretch no-gutters">
23 <div class="col-md-6 pt-5 px-2 pb-2 p-md-5 order-md-last">
24 <h2 class="h4 mb-2 mb-md-5 font-weight-bold">Contact Information </h2>
25 <form action="" method="post">
26 <div class="form-group">
27 <label> <b>Address:</b> 198 West 21th Street, Suite 721 Shaymolic</label>
28 <label> <b>Phone:</b> +880 1518321815</label>
29 <label> <b>Email:</b> mahedi16-437@diu.edu.bd</label>
30 <label> <b>Web:</b> localhost/akash_restaurant</label>
31 </div>
32 </form>
33 </div>
34 <div class="col-md-6 d-flex align-items-stretch">
35 <div id="map"></div>
36 </div>
37 </div>
38 </section>
39 <?php
40 include_once 'partials/footer.php';
41 >?>

```

9. System Code for about page

```

1 <?php
2 include_once 'partials/header.php';
3 include_once 'partials/nav-top.php';
4 include_once 'partials/nav.php';
5
6 >?>
7 <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5"
8 >
9 <div class="overlay"></div>
10 <div class="container">
11 <div class="row no-gutters slider-text align-items-end justify-content-center">
12 <div class="col-md-9 ftco-animate text-center mb-4">
13 <h1 class="mb-2 bread">About</h1>
14 <p class="breadcrumbs"><span class="mr-2"><a href="index.html">Home <i class="ion-ios-arrow-forward"></i></a></span>
15 <span>About <i class="ion-ios-arrow-forward"></i></span></p>
16 </div>
17 </div>
18 </div>
19 </section>
20 <section class="ftco-section ftco-wrap-about">
21 <div class="container">
22 <div class="row">
23 <div class="col-md-7 d-flex">
24 <div class="img img-1 mr-md-2" style="background-image: url(images/about.jpg);"></div>
25 <div class="img img-2 ml-md-2" style="background-image: url(images/about-1.jpg);"></div>
26 </div>
27 <div class="col-md-5 wrap-about pt-5 pt-md-5 pb-md-3 ftco-animate">
28 <div class="heading-section mb-4 my-5 my-md-0">
29 <span class="subheading">About</span>
30 <h2 class="mb-4">Akash Restaurant</h2>
31 </div>
32 <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
33 tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
34 quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
35 consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
36 cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non
37 proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
38 <pc class="time">
39 <span>Mon - Fri <strong>8 AM - 11 PM</strong></span>
40 <span><a href="#">+880-1518321815</a></span>

```

```

41         </p>
42     </div>
43 </div>
44 </div>
45 </section>
46
47 <section class="ftco-section bg-light">
48     <div class="container">
49         <div class="row justify-content-center mb-5 pb-2">
50             <div class="col-md-12 text-center heading-section ftco-animate">
51                 <span class="subheading">Services</span>
52                 <h2 class="mb-4">Catering Services</h2>
53             </div>
54         </div>
55         <div class="row">
56             <div class="col-md-4 d-flex align-self-stretch ftco-animate text-center">
57                 <div class="media block-6 services d-block">
58                     <div class="icon d-flex justify-content-center align-items-center">
59                         <span class="flaticon-cake"></span>
60                     </div>
61                     <div class="media-body p-2 mt-3">
62                         <h3 class="heading">Birthday Party</h3>
63                         <p>Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic.</p>
64                     </div>
65                 </div>
66             </div>
67             <div class="col-md-4 d-flex align-self-stretch ftco-animate text-center">
68                 <div class="media block-6 services d-block">
69                     <div class="icon d-flex justify-content-center align-items-center">
70                         <span class="flaticon-meeting"></span>
71                     </div>
72                     <div class="media-body p-2 mt-3">
73                         <h3 class="heading">Business Meetings</h3>
74                         <p>Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic.</p>
75                     </div>
76                 </div>
77             </div>
78             <div class="col-md-4 d-flex align-self-stretch ftco-animate text-center">
79                 <div class="media block-6 services d-block">
80                     <div class="icon d-flex justify-content-center align-items-center">
81                         <span class="flaticon-tray"></span>
82                     </div>

```

```

83                 <div class="media-body p-2 mt-3">
84                     <h3 class="heading">Wedding Party</h3>
85                     <p>Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic.</p>
86                 </div>
87             </div>
88         </div>
89     </div>
90 </section>
91
92
93
94 <?php
95 include_once 'partials/footer.php';
96 ?>

```

10. System Code for Index page

```

index.php x
1 <?php
2 include_once 'partials/header.php';
3 include_once 'partials/nav-top.php';
4 include_once 'partials/nav.php';
5
6 ?>
7 <section class="home-slider owl-carousel js-fullheight">
8 <div class="slider-item js-fullheight" style="background-image: url(images/bg_1.jpg);">
9 <div class="overlay"></div>
10 <div class="container">
11 <div class="row slider-text js-fullheight justify-content-center align-items-center" data-scrollax-parent="true">
12 <div class="col-md-12 col-sm-12 text-center ftco-animate">
13 <span class="subheading">Feliciano</span>
14 <h1 class="mb-4">Best Restaurant</h1>
15 </div>
16 </div>
17 </div>
18 </div>
19 </div>
20
21 <div class="slider-item js-fullheight" style="background-image: url(images/bg_2.jpg);">
22 <div class="overlay"></div>
23 <div class="container">
24 <div class="row slider-text js-fullheight justify-content-center align-items-center" data-scrollax-parent="true">
25 <div class="col-md-12 col-sm-12 text-center ftco-animate">
26 <span class="subheading">Feliciano</span>
27 <h1 class="mb-4">Nutritious & Tasty</h1>
28 </div>
29 </div>
30 </div>
31 </div>
32 </div>
33 </div>
34
35 <div class="slider-item js-fullheight" style="background-image: url(images/bg_3.jpg);">
36 <div class="overlay"></div>
37 <div class="container">
38 <div class="row slider-text justify-content-center align-items-center" data-scrollax-parent="true">
39 <div class="col-md-12 col-sm-12 text-center ftco-animate">
40 <span class="subheading">Feliciano</span>
41 <h1 class="mb-4">Delicious Specialties</h1>
42

```

```

index.php x
43 </div>
44
45 </div>
46 </div>
47 </div>
48 </section>
49
50 <section class="ftco-section ftco-no-pt ftco-no-pb">
51 <div class="container-fluid">
52 <div class="row">
53 <div class="col-md-12">
54 <div class="featured">
55 <div class="row">
56 <div class="col-md-3">
57 <div class="featured-menus ftco-animate">
58 <div class="menu-img img" style="background-image: url(images/breakfast-1.jpg);"></div>
59 <div class="text text-center">
60 <h3>Grilled Beef with potatoes</h3>
61 <p><span>Meat</span>, <span>Potatoes</span>, <span>Rice</span>, <span>Tomatoe</span></p>
62 </div>
63 </div>
64 </div>
65 <div class="col-md-3">
66 <div class="featured-menus ftco-animate">
67 <div class="menu-img img" style="background-image: url(images/breakfast-2.jpg);"></div>
68 <div class="text text-center">
69 <h3>Grilled Beef with potatoes</h3>
70 <p><span>Meat</span>, <span>Potatoes</span>, <span>Rice</span>, <span>Tomatoe</span></p>
71 </div>
72 </div>
73 </div>
74 <div class="col-md-3">
75 <div class="featured-menus ftco-animate">
76 <div class="menu-img img" style="background-image: url(images/breakfast-3.jpg);"></div>
77 <div class="text text-center">
78 <h3>Grilled Beef with potatoes</h3>
79 <p><span>Meat</span>, <span>Potatoes</span>, <span>Rice</span>, <span>Tomatoe</span></p>
80 </div>
81 </div>
82 </div>
83 <div class="col-md-3">
84 <div class="featured-menus ftco-animate">

```

```

85 <div class="menu-img img" style="background-image: url(images/breakfast-4.jpg);"></div>
86 <div class="text text-center">
87 <h3>Grilled Beef with potatoes</h3>
88 <p><span>Meat</span>, <span>Potatoes</span>, <span>Rice</span>, <span>Tomatoe</span></p>
89 </div>
90 </div>
91 </div>
92 </div>
93 </div>
94 </div>
95 </div>
96 </div>
97 </section>
98
99 <section class="ftco-section bg-light">
100 <div class="container">
101 <div class="row justify-content-center mb-5 pb-2">
102 <div class="col-md-12 text-center heading-section ftco-animate">
103 <span class="subheading">Services</span>
104 <h2 class="mb-4">Catering Services</h2>
105 </div>
106 </div>
107 <div class="row">
108 <div class="col-md-4 d-flex align-self-stretch ftco-animate text-center">
109 <div class="media block-6 services d-block">
110 <div class="icon d-flex justify-content-center align-items-center">
111 <span class="flaticon-cake"></span>
112 </div>
113 <div class="media-body p-2 mt-3">
114 <h3 class="heading">Birthday Party</h3>
115 <p>Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic.</p>
116 </div>
117 </div>
118 </div>
119 <div class="col-md-4 d-flex align-self-stretch ftco-animate text-center">
120 <div class="media block-6 services d-block">
121 <div class="icon d-flex justify-content-center align-items-center">
122 <span class="flaticon-meeting"></span>
123 </div>
124 <div class="media-body p-2 mt-3">
125 <h3 class="heading">Business Meetings</h3>

```

```

126 <p>Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic.</p>
127 </div>
128 </div>
129 </div>
130 <div class="col-md-4 d-flex align-self-stretch ftco-animate text-center">
131 <div class="media block-6 services d-block">
132 <div class="icon d-flex justify-content-center align-items-center">
133 <span class="flaticon-tray"></span>
134 </div>
135 <div class="media-body p-2 mt-3">
136 <h3 class="heading">Wedding Party</h3>
137 <p>Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic.</p>
138 </div>
139 </div>
140 </div>
141 </div>
142 </div>
143 </section>
144
145 <section class="ftco-section">
146 <div class="container">
147 <div class="row justify-content-center mb-5 pb-2">
148 <div class="col-md-12 text-center heading-section ftco-animate">
149 <span class="subheading">Chef</span>
150 <h2 class="mb-4">Our Master Chef</h2>
151 </div>
152 </div>
153 <div class="row">
154 <div class="col-md-6 col-lg-3 ftco-animate">
155 <div class="staff">
156 <div class="img" style="background-image: url(images/chef-4.jpg);"></div>
157 <div class="text pt-4">
158 <h3>John Smooth</h3>
159 <span class="position mb-2">Restaurant Owner</span>
160 <div class="faded">
161 <ul class="ftco-social d-flex">
162 <li class="ftco-animate"><a href="#"><span class="icon-twitter"></span></a></li>
163 <li class="ftco-animate"><a href="#"><span class="icon-facebook"></span></a></li>
164 <li class="ftco-animate"><a href="#"><span class="icon-google-plus"></span></a></li>
165 <li class="ftco-animate"><a href="#"><span class="icon-instagram"></span></a></li>
166 </ul>
167 </div>

```

```

index.php
168     </div>
169 </div>
170 </div>
171 <div class="col-md-6 col-lg-3 ftco-animate">
172 <div class="staff">
173 <div class="img" style="background-image: url(images/chef-2.jpg);"></div>
174 <div class="text pt-4">
175 <h3>Rebeca Welton</h3>
176 <span class="position mb-2">Head Chef</span>
177 <div class="faded">
178 <ul class="ftco-social d-flex">
179 <li class="ftco-animate"><a href="#"><span class="icon-twitter"></span></a></li>
180 <li class="ftco-animate"><a href="#"><span class="icon-facebook"></span></a></li>
181 <li class="ftco-animate"><a href="#"><span class="icon-google-plus"></span></a></li>
182 <li class="ftco-animate"><a href="#"><span class="icon-instagram"></span></a></li>
183 </ul>
184 </div>
185 </div>
186 </div>
187 </div>
188 <div class="col-md-6 col-lg-3 ftco-animate">
189 <div class="staff">
190 <div class="img" style="background-image: url(images/chef-3.jpg);"></div>
191 <div class="text pt-4">
192 <h3>Kharl Brany</h3>
193 <span class="position mb-2">Chef</span>
194 <div class="faded">
195 <ul class="ftco-social d-flex">
196 <li class="ftco-animate"><a href="#"><span class="icon-twitter"></span></a></li>
197 <li class="ftco-animate"><a href="#"><span class="icon-facebook"></span></a></li>
198 <li class="ftco-animate"><a href="#"><span class="icon-google-plus"></span></a></li>
199 <li class="ftco-animate"><a href="#"><span class="icon-instagram"></span></a></li>
200 </ul>
201 </div>
202 </div>
203 </div>
204 </div>
205 <div class="col-md-6 col-lg-3 ftco-animate">
206 <div class="staff">
207 <div class="img" style="background-image: url(images/chef-1.jpg);"></div>
208 <div class="text pt-4">
209 <h3>Luke Simon</h3>

```

```

index.php
210 <span class="position mb-2">Chef</span>
211 <div class="faded">
212 <ul class="ftco-social d-flex">
213 <li class="ftco-animate"><a href="#"><span class="icon-twitter"></span></a></li>
214 <li class="ftco-animate"><a href="#"><span class="icon-facebook"></span></a></li>
215 <li class="ftco-animate"><a href="#"><span class="icon-google-plus"></span></a></li>
216 <li class="ftco-animate"><a href="#"><span class="icon-instagram"></span></a></li>
217 </ul>
218 </div>
219 </div>
220 </div>
221 </div>
222 </div>
223 </div>
224 </section>
225
226
227
228 <?php
229 include_once 'partials/footer.php';
230 ?>

```

11. System Code for start page

```

start.php
1 <?php
2
3
4 ini_set("display_errors", 1);
5
6 ob_start();
7 session_start();
8
9 define("APP_DIR", dirname(__DIR__)."/");
10
11 require_once 'app/dev.php';
12 require_once 'app/config.php';
13 require_once 'app/database.php';
14
15
16 require_once 'app/functions.php';
17 require_once 'app/validations.php';
18
19 if(isAdmin()){
20     redirect("admin/index.php");
21 }

```

12. System Code for Story page

```

1  <?php
2  include_once 'partials/header.php';
3  include_once 'partials/nav-top.php';
4  include_once 'partials/nav.php';
5  $all_message = getAll("message", "id");
6  ?>
7
8  <section class="hero-wrap hero-wrap-2" style="background-image: url('images/bg_3.jpg');" data-stellar-background-ratio="0.5"
9  >
10 <div class="overlay"></div>
11 <div class="container">
12 <div class="row no-gutters slider-text align-items-end justify-content-center">
13 <div class="col-md-9 ftco-animate text-center mb-4">
14 <h1 class="mb-2 bread">Stories</h1>
15 <p class="breadcrumbs"><span class="mr-2"><a href="index.html">Home <i class="ion-ios-arrow-forward"></i></a></span>
16 <span>Stories<i class="ion-ios-arrow-forward"></i></span></p>
17 </div>
18 </div>
19 </section>
20 <section class="ftco-section bg-light">
21 <div class="container">
22 <div class="row">
23 <div class="col-lg-3"></div>
24 <h1><b>Customer Reviews</b></h1>
25 </div><br><br>
26 <div class="row">
27 <?php if (count($all_message) != 0): ?>
28 <?php foreach ($all_message as $message): ?>
29 <div class="col-lg-4">
30 <div class="blog-entry">
31 <div class="meta">
32 <div class="heading"><b>Food Name:</b> <?= $message["food"]; ?></div>
33 </div>
34 <div> <b>Name:</b> <?= $message["user"]; ?></div>
35 <div class="meta">
36 <div><b>Email:</b> <?= $message["email"]; ?></div>
37 </div>
38 <p><b>Details:</b></p> <?= $message["description"]; ?></p>
39 <!-- </div> -->
40 </div>
41 </div>
42 </div>
43 <?php endforeach ?>
44 <?php endif ?>
45 </div>
46 </div>
47
48
49 <?php
50 include_once 'partials/footer.php';
51 ?>

```

13. System Code for Logout page

```

logout.php
1  <?php
2  include_once 'start.php';
3  include_once 'partials/header.php';
4  include_once 'partials/nav-top.php';
5  include_once 'partials/nav.php';
6  if(!isLoggedIn()){
7      redirect("login.php");
8  }
9
10     session_destroy();
11
12
13     // unset cookies
14     if (isset($_SERVER['HTTP_COOKIE'])) {
15         $cookies = explode(';', $_SERVER['HTTP_COOKIE']);
16         foreach($cookies as $cookie) {
17             $parts = explode('=', $cookie);
18             $name = trim($parts[0]);
19             setcookie($name, '', time()-1000);
20             setcookie($name, '', time()-1000, '/');
21         }
22     }
23     redirect('signin.php');
24     ?>

```

14. System Code for staff add page

```

staff-add.php
1  <?php
2  $headerStyle = array(
3      "vendor/datatables/dataTables.bootstrap4.css"
4  );
5  $footerScript = array(
6      "vendor/popper/popper.min.js",
7      "vendor/jquery-easing/jquery.easing.min.js",
8      "vendor/chart.js/Chart.min.js",
9      "vendor/datatables/jquery.dataTables.js",
10     "vendor/datatables/dataTables.bootstrap4.js"
11 );
12 $siteTitle = "Home";
13 include_once 'partials/header.php';
14 $errors = array();
15 if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["foods-category"])) {
16     $fullname = inputValid($_POST["fullname"]);
17     $email = inputValid($_POST["email"]);
18     $phone = inputValid($_POST["phone"]);
19     $position = inputValid($_POST["position"]);
20     $address = inputValid($_POST["address"]);
21
22     if ($fullname === "" || $email === "" || $phone === "" || $position === "" || $address === "") {
23         $errors += array("Fields can't be blank.");
24     }
25     if (count($errors) === 0) {
26
27         try {
28             $dbstaff = array(
29                 "fullname" => $fullname,
30                 "email" => $email,
31                 "phone" => $phone,
32                 "position" => $position,
33                 "address" => $address
34             );
35             insertValue("staffs", $dbstaff);
36             setSessionMessage("success", "Add Category Successfully.");
37             redirect("staffs.php");
38
39         } catch (PDOException $e) {
40             $errors = array($e->getMessage());
41         }
42     }

```

```

42     }
43
44
45
46     }
47 }
48 ?>
49
50
51
52 <div class="content-wrapper">
53
54     <div class="container-fluid">
55
56         <!-- Breadcrumbs -->
57         <ol class="breadcrumb">
58             <li class="breadcrumb-item">
59                 <a href="index.php">Dashboard</a>
60             </li>
61             <li class="breadcrumb-item active">My Dashboard/Add Staff</li>
62         </ol>
63
64     </div>
65     <!-- Customers Form Start -->
66     <div class="container">
67         <div class="row">
68             <div class="col-lg-4"></div>
69             <div class="col-lg-4 formbody">
70                 <div class="form">
71                     <h2 class="add_form">Staff</h2>
72                     <?php if (count($errors) != 0): ?>
73                         <?php foreach ($errors as $error): ?>
74                             <?=alertHtml($error); ?>
75                         <?php endforeach ?>
76                     <?php endif ?>
77                     <form action="" class="" method="post">
78                         <div class="form-group">
79                             <label for="fullname">Staff Name</label>
80                             <input type="text" class="form-control" id="fullname" name="fullname" placeholder="Enter Full Name">
81                         </div>
82                         <div class="form-group">
83                             <label for="email">Email</label>

```

```

81     </div>
82     <div class="form-group">
83         <label for="email">Email</label>
84         <input type="email" class="form-control" id="email" name="email" placeholder="Enter email">
85     </div>
86     <div class="form-group">
87         <label for="phone">Phone</label>
88         <input type="text" class="form-control" id="phone" name="phone" placeholder="Enter phone">
89     </div>
90     <div class="form-group">
91         <label for="position">Position</label>
92         <input type="text" class="form-control" id="position" name="position" placeholder="Enter Position">
93     </div>
94     <div class="form-group">
95         <label for="address">Address</label>
96         <input type="text" class="form-control" id="address" name="address" placeholder="Enter Address">
97     </div>
98     <button type="submit" class="btn btn-default ex" name="foods-category">Submit</button>
99 </form>
100 </div>
101 </div>
102 </div>
103 </div>
104
105 <!-- Customers Form End -->
106
107 </div>
108 <!-- /.container-fluid -->
109
110
111 <!-- /.content-wrapper -->
112 <?php include_once 'partials/footer.php'; ?>

```

15. System Code for staffs page

```

1  <?php
2  $headerStyle = array();
3  $footerScript = array();
4  $siteTitle = "Home";
5  include_once 'partials/header.php';
6  $errors = array();
7  $all_staff = getAll("staffs", "id");
8  // var_dump($all_staff);
9  if (isset($_GET["id"])) {
10     deleteById("staffs", $_GET["id"], "id");
11     redirect("staffs.php");
12     return;
13 }
14 ?>
15
16 <div class="content-wrapper">
17
18 <div class="container-fluid">
19
20 <!-- Breadcrumbs -->
21 <ol class="breadcrumb">
22 <li class="breadcrumb-item">
23 <a href="index.php">Dashboard</a>
24 </li>
25 <li class="breadcrumb-item active">Staffs</li>
26 </ol>
27
28 </div>
29
30 <!-- Suppliers List Start -->
31
32 <div class="row">
33 <div class="col-lg-12">
34 <h2 class="table_title">Staffs</h2>
35 </div>
36 <div class="col-lg-12">
37 <a href="staff-add.php" class="btn btn-primary">Add Staff</a>
38 </div>
39 <div class="col-lg-12">
40 <?php if (count($all_staff) != 0): ?>
41 <table class="table table-bordered">
42 <thead>

```

```

43 <tr>
44 <th>Staffs Name</th>
45 <th>Email</th>
46 <th>Phone</th>
47 <th>Position</th>
48 <th>Address</th>
49 <th>Action</th>
50 </tr>
51 </thead>
52 <tbody>
53 <?php foreach ($all_staff as $staff): ?>
54 <tr>
55 <td><?= $staff["fullname"]; ?></td>
56 <td><?= $staff["email"]; ?></td>
57 <td><?= $staff["phone"]; ?></td>
58 <td><?= $staff["position"]; ?></td>
59 <td><?= $staff["address"]; ?></td>
60 <td>
61 <a class="btn btn-danger" href="?id=<?=$staff["id"];?>">Delete</a>
62 </td>
63 </tr>
64 <?php endforeach ?>
65 </tbody>
66 </table>
67 <?php endif ?>
68 </div>
69 </div>
70 <!-- Suppliers List End -->
71
72 </div>
73 <!-- /.container-fluid -->
74
75 <!-- /.content-wrapper -->
76 <?php include_once 'partials/footer.php'; ?>

```

16. System Code for food category add page

```

1  <?php
2  $headerStyle = array(
3      "vendor/datatables/dataTables.bootstrap4.css"
4  );
5  $footerScript = array(
6      "vendor/popper/popper.min.js",
7      "vendor/jquery-easing/jquery.easing.min.js",
8      "vendor/chart.js/Chart.min.js",
9      "vendor/datatables/jquery.dataTables.js",
10     "vendor/datatables/dataTables.bootstrap4.js"
11 );
12 $siteTitle = "Home";
13 include_once 'partials/header.php';
14 $errors = array();
15 if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["foods-category"])) {
16     $category = inputValid($_POST["category"]);
17     $ingredients = inputValid($_POST["ingredients"]);
18
19     if ($category == "" || $ingredients == "") {
20         $errors += array("Fields can't be blank.");
21     }
22     if (count($errors) == 0) {
23
24         try {
25             $dbcategory = array(
26                 "category_name" => $category,
27                 "ingredients" => $ingredients
28             );
29             insertValue("foods_category", $dbcategory);
30             setSessionMessage("success", "Add Category Successfully.");
31             redirect("foods-category.php");
32
33         } catch (PDOException $e) {
34             $errors = array($e->getMessage());
35         }
36     }
37 }

```

```

41 }
42 ?>
43
44
45
46 <div class="content-wrapper">
47
48     <div class="container-fluid">
49
50         <!-- Breadcrumbs -->
51         <ol class="breadcrumb">
52             <li class="breadcrumb-item">
53                 <a href="index.php">Dashboard</a>
54             </li>
55             <li class="breadcrumb-item active">My Dashboard/Add Food Category</li>
56         </ol>
57     </div>
58
59     <!-- Customers Form Start -->
60     <div class="container">
61         <div class="row">
62             <div class="col-lg-4"></div>
63             <div class="col-lg-4 formbody">
64                 <div class="form">
65                     <h2 class="add_form">Food Category</h2>
66                     <?php if (count($errors) != 0): ?>
67                         <?php foreach ($errors as $error): ?>
68                             <?=>alertHtml($error); ?>
69                         <?php endforeach ?>
70                     <?php endif ?>
71                     <form action="" class="" method="post">
72                         <div class="form-group">
73                             <label for="category">Category Name</label>
74                             <input type="text" class="form-control" id="category" name="category" placeholder="Enter category Name">
75                         </div>
76                         <div class="form-group">
77                             <label for="price">Ingredients</label>
78                             <input type="text" class="form-control" id="price" name="ingredients" placeholder="Enter Ingredients">
79                         </div>
80                         <button type="submit" class="btn btn-default ex" name="foods-category">Submit</button>
81                     </form>

```

```

82
83     </div>
84 </div>
85 </div>
86
87     <!-- Customers Form End -->
88
89 </div>
90 <!-- /.container-fluid -->
91
92
93 <!-- /.content-wrapper -->
94 <?php include_once 'partials/footer.php'; ?>

```

17. System Code for food category update page

```

1  <?php
2  $headerStyle = array();
3  $footerScript = array();
4  $siteTitle = "Home";
5  include_once 'partials/header.php';
6  $errors = array();
7
8  if (isset($_GET['id'])) {
9      $_SESSION['id'] = $_GET['id'];
10 }
11 if (!isset($_SESSION['id'])) {
12     redirect("foods-category.php");
13 }
14
15 $all_category = getById("foods_category", $_SESSION['id'], "id");
16
17
18 if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["update_category"])) {
19     $categoryname = inputValid($_POST["category"]);
20     $ingredients = inputValid($_POST["ingredients"]);
21     if ($categoryname === "" || $ingredients === "") {
22         $errors += array("Fields can't be blank.");
23     }
24     if (count($errors) === 0) {
25
26         try {
27             $dbccategory = array(
28                 "category_name" => $categoryname,
29                 "ingredients" => $ingredients
30             );
31             updateById("foods_category", $_SESSION['id'], $dbccategory, 'id');
32             setSessionMessage("success", "Update Food Successfully.");
33             redirect("foods-category.php");
34         } catch (PDOException $e) {
35             $errors = array($e->getMessage());
36         }
37     }

```

```

48 <div class="content-wrapper">
49
50 <div class="container-fluid">
51
52 <!-- Breadcrumbs -->
53 <ol class="breadcrumb">
54 <li class="breadcrumb-item">
55 <a href="index.php">Dashboard</a>
56 </li>
57 <li class="breadcrumb-item active">My Dashboard</li>
58 </ol>
59
60 </div>
61
62 <!-- Suppliers Form Start -->
63 <div class="container">
64 <div class="row">
65 <div class="col-lg-4"></div>
66 <div class="col-lg-4 formbody">
67 <div class="form">
68 <h2 class="add_form">Update Category Info</h2>
69 <?php if (count($errors) != 0): ?>
70 <?php foreach ($errors as $error): ?>
71 <?=alertHtml($error); ?>
72 <?php endforeach ?>
73 <?php endif ?>
74 <form action="" class="" method="post">
75 <div class="form-group">
76 <label for="Category">Category</label>
77 <input type="text" class="form-control" id="Category" name="category" placeholder="Enter Food Name" value="<?=$
78 all_category["category_name"];?>">
79 </div>
80 <div class="form-group">
81 <label for="ingredients">Ingredients</label>
82 <input type="text" class="form-control" id="ingredients" name="ingredients" placeholder="Enter Ingredients"
83 value="<?=$all_category["ingredients"];?>">
84 </div>
85 <button type="submit" class="btn btn-default ex" name="update_category">Submit</button>
86 </div>
87 </div>

```

18. System Code for food category page

```

1  <?php
2  $headerStyle = array();
3  $footerScript = array();
4  $siteTitle = "Home";
5  include_once 'partials/header.php';
6  $errors = array();
7  $all_category = getAll("foods_category", "id");
8  if (isset($_GET["id"])) {
9      deleteById("foods_category", $_GET["id"], "id");
10     redirect("foods-category.php");
11     return;
12 }
13 ?>
14
15 <div class="content-wrapper">
16
17     <div class="container-fluid">
18
19         <!-- Breadcrumbs -->
20         <ol class="breadcrumb">
21             <li class="breadcrumb-item">
22                 <a href="index.php">Dashboard</a>
23             </li>
24             <li class="breadcrumb-item active">Category</li>
25         </ol>
26
27     </div>
28
29     <!-- Suppliers List Start -->
30
31     <div class="row">
32         <div class="col-lg-12">
33             <h2 class="table_title">Category</h2>
34         </div>
35         <div class="col-lg-12">
36             <a href="foods-category-add.php" class="btn btn-primary">Add Category</a>
37         </div>
38         <div class="col-lg-12">
39             <?php if (count($all_category) != 0): ?>
40                 <table class="table table-bordered">
41                     <thead>
42                         <tr>
43                             <th>Category Name</th>
44                             <th>Ingredients</th>
45                             <th>Action</th>
46                         </tr>
47                     </thead>
48                     <tbody>
49                         <?php foreach ($all_category as $category): ?>
50                             <tr>
51                                 <td><?= $category["category_name"]; ?></td>
52                                 <td><?= $category["ingredients"]; ?></td>
53                                 <td>
54                                     <a class="btn btn-primary" href="foods-category-update.php?id=<?=$category["id"];?>">Update</a>
55                                     <a class="btn btn-danger" href="?"id=<?=$category["id"];?>">Delete</a>
56                                 </td>
57                             </tr>
58                         <?php endforeach ?>
59                     </tbody>
60                 </table>
61             <?php endif ?>
62         </div>
63     </div>
64     <!-- Suppliers List End -->
65
66 </div>
67 <!-- /.container-fluid -->
68
69 <!-- /.content-wrapper -->
70 <?php include_once 'partials/footer.php'; ?>

```

19. System Code for food add page

```

1  <?php
2  $headerStyle = array(
3      "vendor/datatables/dataTables.bootstrap4.css"
4  );
5  $footerScript = array(
6      "vendor/popper/popper.min.js",
7      "vendor/jquery-easing/jquery.easing.min.js",
8      "vendor/chart.js/Chart.min.js",
9      "vendor/datatables/jquery.dataTables.js",
10     "vendor/datatables/dataTables.bootstrap4.js"
11 );
12 $siteTitle = "Home";
13 include_once 'partials/header.php';
14 $cats = getAll("foods_category", "id ");
15 $errors = array();
16 if ($SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["submit"])) {
17     $food_name = inputValid($_POST["f_name"]);
18     $category = inputValid($_POST["category"]);
19     $price = inputValid($_POST["price"]);
20     // $quantity = inputValid($_POST["stock"]);
21     $target_dir = "../uploads/";
22     $target_file = null;
23     if (isset($_FILES["fileToUpload"])) {
24         $target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
25         $imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));
26
27         if (getimagesize($_FILES["fileToUpload"]["tmp_name"]) === false) {
28             $errors += array("File is not an image.");
29         }
30
31         if (file_exists($target_file)) {
32             $errors += array("Sorry, file already exists.");
33         }
34
35         if($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg"
36         && $imageFileType != "gif" ) {
37             $errors += array("Sorry, only JPG, JPEG, PNG & GIF files are allowed.");
38         }
39
40         if (!move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) {
41             $errors += array("Image did not upload.");
42         }

```

```

44     } else{
45         $errors += array("Image upload problem");
46     }
47 }
48 if ($food_name == "" || $category == "" || $price == "") {
49     $errors += array("Fields can't be blank.");
50 }
51 if (count($errors) == 0) {
52     try {
53         $food = array(
54             "food_name" => $food_name,
55             "category" => $category,
56             "price" => $price,
57             // "menu_status" => $quantity,
58             "food_image" => $target_file,
59         );
60         insertValue("foods", $food);
61         sessionMessage("success", "Food Create success..");
62         redirect("foods.php");
63     } catch (PDOException $e) {
64         $errors = array($e->getMessage());
65     }
66 }
67 }
68 }
69 }
70 }
71 }
72 }
73 <div class="content-wrapper">
74 <div class="container-fluid">
75 <!-- Breadcrumbs -->
76 <ol class="breadcrumb">
77 <li class="breadcrumb-item">
78 <a href="index.php">Dashboard</a>
79 </li>
80 <li class="breadcrumb-item active">My Dashboard/Add Food</li>
81 </ol>
82 </div>
83 </div>
84

```

```

82 <li class="breadcrumb-item active">My Dashboard/Add Food</li>
83 </ol>
84 </div>
85 <!-- customers form Start -->
86 <div class="container">
87 <div class="row">
88 <div class="col-lg-4"></div>
89 <div class="col-lg-4 formbody">
90 <div class="form">
91 <h2 class="add_form">Food Add</h2>
92 <?php if (count($errors) != 0) {?>
93 <?php foreach ($errors as $error) {?>
94 <?php alert($error);?>
95 <?php endforeach?>
96 <?php endif?>
97 <form action="" class="" method="post" enctype="multipart/form-data">
98 <div class="form-group">
99 <label for="f_name">Food Name</label>
100 <input type="text" class="form-control" id="f_name" name="f_name" placeholder="Enter Food Name">
101 </div>
102 <div class="form-group">
103 <label for="category">Food Category</label>
104 <?php if (!empty($cats)):?>
105 <select class="form-control" name="category" id="Category">
106 <?php foreach ($cats as $cat):?>
107 <option value="<=$cat["id"]"><=$cat["category_name"]></option>
108 <?php endforeach?>
109 </select>
110 <?php endif?>
111 </div>
112 <div class="form-group">
113 <label for="price">Price</label>
114 <input type="Number" class="form-control" id="price" name="price" placeholder="Enter Price">
115 </div>
116 <div class="form-group">
117 <label for="fileToUpload">Food Image</label>
118 <input type="file" class="form-control" id="fileToUpload" name="fileToUpload" placeholder="Enter Description">
119 </div>
120 </form>
121 </div>
122 </div>
123

```

20. System Code for food update page

```

1  <?php
2  $headerStyle = array();
3  $footerScript = array();
4  $siteTitle = "Home";
5  include_once 'partials/header.php';
6  $errors = array();
7  if (isset($_GET['id'])) {
8    $_SESSION['id'] = $_GET['id'];
9  }
10 if (!isset($_SESSION['id'])) {
11   redirect("foods.php");
12 }
13 $all_foods = getById("foods", $_SESSION['id'], "id");
14 $cats = getAll("foods_category", "id");
15
16
17 if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["submit"])) {
18   $food_name = inputValid($_POST["f_name"]);
19   $category = inputValid($_POST["category"]);
20   $price = inputValid($_POST["price"]);
21   $quantity = inputValid($_POST["stock"]);
22   $target_dir = "../uploads/";
23   $target_file = null;
24   if (isset($_FILES["fileToUpload"])) {
25     $target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
26     $imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));
27
28     if (getimagesize($_FILES["fileToUpload"]["tmp_name"]) === false) {
29       $errors += array("File is not an image.");
30     }
31
32     if (file_exists($target_file)) {
33       $errors += array("Sorry, file already exists.");
34     }
35
36     if($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg"
37     && $imageFileType != "gif" ) {
38       $errors += array("Sorry, only JPG, JPEG, PNG & GIF files are allowed.");
39     }
40
41     if (!move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) {
42       $errors += array("Image did not upload.");

```

```

43   }
44 }
45 } else{
46   $errors += array("Image upload problem");
47 }
48
49 if ($food_name == "" || $category == "" || $price == "" ) {
50   $errors += array("Fields can't be blank.");
51 }
52
53 if (count($errors) == 0) {
54   try {
55     $food = array(
56       "food_name" => $food_name,
57       "category" => $category,
58       "price" => $price,
59       // "menu_status" => $quantity,
60       "food_image" => $target_file
61     );
62     updateById("foods", $_SESSION['id'], $food, 'id');
63     setSessionMessage("success", "Update Food Successfully.");
64     redirect("Foods.php");
65   } catch (PDOException $e) {
66     $errors = array($e->getMessage());
67   }
68 }
69
70 ?>
71
72
73
74 <div class="content-wrapper">
75   <div class="container-fluid">
76     <div class="breadcrumbs">
77       <ol class="breadcrumb">
78         <li class="breadcrumb-item">
79           <a href="index.php">Dashboard</a>
80         </li>
81         <li class="breadcrumb-item active">My Dashboard</li>
82       </ol>
83     </div>
84

```

```

89   <div class="row">
90     <div class="col-lg-4"></div>
91     <div class="col-lg-4 formbody">
92       <div class="form">
93         <h2 class="add_form">Update Food Info</h2>
94         <?php if (count($errors) != 0): ?>
95           <?php foreach ($errors as $error): ?>
96             <?=>alertHtml($error); ?>
97           <?php endforeach ?>
98         <?php endif ?>
99         <form action="" class="" method="post" enctype="multipart/form-data">
100        <div class="form-group">
101          <label for="food">Food Name</label>
102          <input type="text" class="form-control" id="food" name="f_name" placeholder="Enter Food Name" value=""?=$
103            all_foods["food_name"];?>
104        </div>
105        <div class="form-group">
106          <label for="Category">Food Category</label>
107          <?php if (!empty($cats)): ?>
108            <select class="form-control" name="category" id="Category">
109              <?php foreach ($cats as $cat): ?>
110                <option value=?=$cat["id"];?><?=$cat["category_name"];?</option>
111              </select>
112            <?php endif ?>
113          </div>
114          <div class="form-group">
115            <label for="price">Prices</label>
116            <input type="number" class="form-control" id="quantity" name="price" placeholder="Enter price" value=""?=$
117              all_foods["price"];?>
118          </div>
119          <div class="form-group">
120            <label for="quantity">Stock</label>
121            <input type="number" class="form-control" id="quantity" name="stock" placeholder="Enter Price" value=""?=$
122              all_foods["menu_status"];?>
123          </div>
124          <div class="form-group">
125            <label for="fileToUpload">Image</label>
126            <input type="file" class="form-control" id="fileToUpload" name="fileToUpload" placeholder="Enter Price" value=""?=$
127              all_foods["food_image"];?>

```

21. System Code for food page

```

1 |<?php
2 |$headerStyle = array();
3 |$footerScript = array();
4 |$siteTitle = "Home";
5 |include_once 'partials/header.php';
6 |$errors = array();
7 |$all_food = getAll("foods", "id");
8 |$cats = getAll("foods_category", "id ");
9 |if (isset($_GET["id"])) {
10 |    deleteById("foods", $_GET["id"], "id");
11 |    redirect("foods.php");
12 |    return;
13 |}
14 |?>
15 |
16 |
17 |
18 |<div class="content-wrapper">
19 |
20 |    <div class="container-fluid">
21 |
22 |        <!-- Breadcrumbs -->
23 |        <ol class="breadcrumb">
24 |            <li class="breadcrumb-item">
25 |                <a href="index.php">Dashboard</a>
26 |            </li>
27 |            <li class="breadcrumb-item active">Foods</li>
28 |        </ol>
29 |
30 |    </div>
31 |
32 |    <!-- Supliers List Start -->
33 |
34 |    <div class="row">
35 |        <div class="col-lg-12">
36 |            <h2 class="table_title">Foods</h2>
37 |        </div>
38 |        <div class="col-lg-12">
39 |            <a href="foods-add.php" class="btn btn-primary">Add Foods</a>
40 |        </div>
41 |        <div class="col-lg-12">
42 |            <?php if (count($all food) != 0): ?>

```

```

45 |            <tr>
46 |                <th>Food Name</th>
47 |                <th>Category</th>
48 |                <th>Price</th>
49 |                <!-- <th>Quantity</th -->
50 |                <th>Food Image</th>
51 |                <th>Action</th>
52 |            </tr>
53 |        </thead>
54 |        <tbody>
55 |            <?php foreach ($all_food as $food): ?>
56 |            <?php
57 |            $stm = database()->prepare("SELECT c.category_name AS category FROM foods AS f, foods_category as c WHERE f.category = c.id AND
58 |            f.id = :id");
59 |            $stm->execute(array("id" => $food["id"]));
60 |            $data = $stm->fetch();
61 |            ?>
62 |            <tr>
63 |                <td>= $food["food_name"]; ?&gt;&lt;/td&gt;
64 |                &lt;td&gt;<?= $data["category"]; ?&gt;&lt;/td&gt;
65 |                &lt;td&gt;<?= $food["price"]; ?&gt;&lt;/td&gt;
66 |                &lt;!-- &lt;td&gt;<?= $food["menu_status"]; ?&gt;&lt;/td --&gt;
67 |                &lt;td&gt;&lt;img src="&lt;?=$food["Food_image"];?&gt;" class="food_image" alt="img"&gt;&lt;/td&gt;
68 |                &lt;td&gt;
69 |                    &lt;a class="btn btn-primary" href="food-update.php?id=&lt;?=$food["id"];?&gt;"&gt;Update&lt;/a&gt;
70 |                    &lt;a class="btn btn-danger" href="=?id=&lt;?=$food["id"];?&gt;"&gt;Delete&lt;/a&gt;
71 |                &lt;/td&gt;
72 |            &lt;/tr&gt;
73 |            &lt;?php endforeach ?&gt;
74 |        &lt;/tbody&gt;
75 |    &lt;/table&gt;
76 |    &lt;?php endif ?&gt;
77 |&lt;/div&gt;
78 |    &lt;!-- Supliers List End --&gt;
79 |
80 |&lt;/div&gt;
81 |&lt;!-- /.container-fluid --&gt;
82 |
83 |&lt;!-- /.content-wrapper --&gt;
84 |&lt;?php include_once 'partials/footer.php'; ?&gt;
</pre

```

22. System Code for order update page

```

orders-update.php x
1  <?php
2  $headerStyle = array();
3  $footerScript = array();
4  $siteTitle = "Home";
5  include_once 'partials/header.php';
6
7  if (!isLogin()) {
8      redirect("../signin.php");
9  }
10 $errors = array();
11
12 if (isset($_GET['id'])) {
13     $_SESSION['id'] = $_GET['id'];
14 }
15 if (!isset($_SESSION['id'])) {
16     redirect("orders.php");
17 }
18
19 $all_orders = getById("orders", $_SESSION['id'], "id");
20
21
22 if ($_SERVER["REQUEST_METHOD"] == "POST" && isset($_POST["update_order_status"])) {
23     $order_status = inputValid($_POST["order_status"]);
24     if ($order_status === "") {
25         $errors += array("Fields can't be blank.");
26     }
27     if (count($errors) === 0) {
28
29         try {
30             $dborder_status = array(
31                 "order_status" => $order_status
32             );
33             updateById("orders", $_SESSION['id'], $dborder_status, 'id');
34             setSessionMessage("success", "Update Order Status Successfully.");
35             redirect("orders.php");
36         } catch (PDOException $e) {
37             $errors = array($e->getMessage());
38         }

```

```

orders-update.php x
50 <div class="content-wrapper">
51
52 <div class="container-fluid">
53
54 <!-- Breadcrumbs -->
55 <ol class="breadcrumb">
56     <li class="breadcrumb-item">
57         <a href="index.php">Dashboard</a>
58     </li>
59     <li class="breadcrumb-item active">My Dashboard</li>
60 </ol>
61
62 </div>
63
64 <!-- Suppliers Form Start -->
65 <div class="container">
66 <div class="row">
67     <div class="col-lg-4"></div>
68     <div class="col-lg-4 formbody">
69         <div class="form">
70             <h2 class="add_form">Update Order Status Info</h2>
71             <?php if (count($errors) != 0): ?>
72                 <?php foreach ($errors as $error): ?>
73                     <?alertHtml($error); ?>
74                 <?php endforeach ?>
75             <?php endif ?>
76             <form action="" class="" method="post">
77                 <div class="form-group">
78                     <label for="order_status">Order status</label>
79                     <input type="text" class="form-control" id="order_status" name="order_status" placeholder="Enter Food Name"
80                         value="<?=$all_orders["order_status"];?>">
81                 </div>
82                 <button type="submit" class="btn btn-default ex" name="update_order_status">Submit</button>
83             </form>
84         </div>
85     </div>
86 </div>

```

23. System Code for order page

```

orders.php
1  <?php
2  $headerStyle = array();
3  $footerScript = array();
4  $siteTitle = "Orders";
5  include_once 'partials/header.php';
6  $errors = array();
7  $all_orders = getAll("orders", "id");
8  ?>
9
10
11
12  <div class="content-wrapper">
13
14      <div class="container-fluid">
15
16          <!-- Breadcrumbs -->
17          <ol class="breadcrumb">
18              <li class="breadcrumb-item">
19                  <a href="index.php">Dashboard</a>
20              </li>
21              <li class="breadcrumb-item active">Orders</li>
22          </ol>
23
24      </div>
25
26      <!-- Suppliers List Start -->
27
28      <div class="row">
29          <div class="col-lg-12">
30              <h2 class="table_title">Orders</h2>
31          </div>
32          <div class="col-lg-12">
33              <?php if (count($all_orders) != 0): ?>
34              <table class="table table-bordered">
35                  <thead>
36                      <tr>
37                          <th>Food Name</th>
38                          <th>Customer</th>
39                          <th>Quantity</th>
40                          <th>Total Price</th>
41                          <th>Method</th>
42                          <th>Account</th>

```

```

orders.php
43          <th>TrxID</th>
44          <th>Date</th>
45          <th>Order Status</th>
46          <th>Action</th>
47      </tr>
48      </thead>
49      <tbody>
50          <?php foreach ($all_orders as $orders): ?>
51              <?php
52              $stm = database()->prepare("SELECT f.food_name AS food,
53              u.fname AS customer,
54              a.account_number AS account_number
55              FROM orders AS o,
56              payment_method AS a,
57              payment_method AS p,
58              users AS u,
59              foods as f
60              WHERE o.account_number = a.payment_method_id
61              AND o.customer = u.u_id
62              AND
63              o.food = f.id AND o.id = :id");
64              $stm->execute(array("id" => $orders["id"]));
65              $data = $stm->fetch();
66              ?>
67              <tr>
68                  <td><?=$data["food"]; ?></td>
69                  <td><?=$data["customer"]; ?></td>
70                  <td><?=$orders["quantity"]; ?></td>
71                  <td><?=$orders["total_price"]; ?></td>
72                  <td><?=$orders["payment_method"]; ?></td>
73                  <td><?=$data["account_number"]; ?></td>
74                  <td><?=$orders["TrxID"]; ?></td>
75                  <td><?=$orders["order_date"]; ?></td>
76                  <td><?=$orders["order_status"]; ?></td>
77                  <td>
78                      <a class="btn btn-primary" href="orders-update.php?id=<?=$orders["id"]; ?>">Update</a>
79                  </td>
80              </tr>
81          <?php endforeach ?>
82      </tbody>
83  </table>
84  <?php endif ?>

```

24. System Code for Guest message page

```

1 | <?php
2 | $headerStyle = array();
3 | $footerScript = array();
4 | $siteTitle = "Home";
5 | include_once 'partials/header.php';
6 | $errors = array();
7 | $all_message = getAll("message", "id");
8 | ?>
9 |
10 |
11 |
12 | <div class="content-wrapper">
13 |
14 |   <div class="container-fluid">
15 |
16 |     <!-- Breadcrumbs -->
17 |     <ol class="breadcrumb">
18 |       <li class="breadcrumb-item">
19 |         <a href="index.php">Dashboard</a>
20 |       </li>
21 |       <li class="breadcrumb-item active">Message</li>
22 |     </ol>
23 |
24 |   </div>
25 |
26 |   <!-- Suppliers List Start -->
27 |
28 |   <div class="row">
29 |     <div class="col-lg-12">
30 |       <h2 class="table_title">Message</h2>
31 |     </div>
32 |     <div class="col-lg-12">
33 |       <?php if (count($all_message) != 0): ?>
34 |         <table class="table table-bordered">
35 |           <thead>
36 |             <tr>
37 |               <th>Guests Name</th>
38 |               <th>Guests Email</th>
39 |               <th>Subject</th>
40 |               <th>Description</th>
41 |             </tr>
42 |           </thead>
43 |           <tbody>
44 |             <?php foreach ($all_message as $message): ?>
45 |               <tr>
46 |                 <td><?= $message["user"]; ?></td>
47 |                 <td><?= $message["email"]; ?></td>
48 |                 <td><?= $message["food"]; ?></td>
49 |                 <td><?= $message["description"]; ?></td>
50 |               </tr>
51 |             <?php endforeach ?>
52 |           </tbody>
53 |         </table>
54 |       <?php endif ?>
55 |     </div>
56 |   </div>
57 |   <!-- Suppliers List End -->
58 |
59 | </div>
60 | <!-- /.container-fluid -->
61 |
62 | <!-- /.content-wrapper -->
63 | <?php include_once 'partials/footer.php'; ?>

```

25. System Code for payments method page

```

payments-method.php x
1 |<?php
2 $headerStyle = array();
3 $footerScript = array();
4 $siteTitle = "Home";
5 include_once 'partials/header.php';
6 $errors = array();
7 $allpayment_method = getAll("payment_method", "payment_method_id");
8 if (isset($_GET["id"])) {
9     deleteById("payment_method", $_GET["id"], "payment_method_id");
10    redirect("payments-method.php");
11    return;
12 }
13 ?>
14
15
16
17 <div class="content-wrapper">
18
19     <div class="container-fluid">
20
21         <!-- Breadcrumbs -->
22         <ol class="breadcrumb">
23             <li class="breadcrumb-item">
24                 <a href="index.php">Dashboard</a>
25             </li>
26             <li class="breadcrumb-item active"> Payment Method</li>
27         </ol>
28
29     </div>
30
31     <!-- Suppliers List Start -->
32
33     <div class="row">
34         <div class="col-lg-12">
35             <h2 class="table_title">Category</h2>
36         </div>
37         <div class="col-lg-12">
38             <a href="payments-method-add.php" class="btn btn-primary">Add Method</a>
39         </div>
40         <div class="col-lg-12">
41             <?php if (count($allpayment_method) != 0): ?>
42             <table class="table table-bordered">

```

```

43     <thead>
44         <tr>
45             <th>Method Name</th>
46             <th>Account Number</th>
47             <th>Action</th>
48         </tr>
49     </thead>
50     <tbody>
51         <?php foreach ($allpayment_method as $method): ?>
52         <tr>
53             <td><?= $method["payment_method_name"]; ?></td>
54             <td><?= $method["account_number"]; ?></td>
55             <td>
56                 <a class="btn btn-primary" href="payments-method-update.php?id=<?=$method["payment_method_id"];?>">Update</a>
57                 <a class="btn btn-danger" href="?id=<?=$method["payment_method_id"];?>">Delete</a>
58             </td>
59         </tr>
60         <?php endforeach ?>
61     </tbody>
62 </table>
63 <?php endif ?>
64 </div>
65 </div>
66 <!-- Suppliers List End -->
67
68 </div>
69 <!-- /.container-fluid -->
70
71 <!-- /.content-wrapper -->
72 <?php include_once 'partials/footer.php'; ?>

```

26. System Code for sell report page

```

daily-sale.php
26 <li class="breadcrumb-item">
27 <a href="index.php">Dashboard</a>
28 </li>
29 <li class="breadcrumb-item active">My Dashboard/Reports/Daily</li>
30 </ol>
31 </div>
32 <!-- Customers Form Start -->
33
34 <div class="jumbotron p-2 mt-4">
35 <h3>Daily Sell</h3>
36 </div>
37
38 <?php
39 $stm = database()->prepare("SELECT date(order_date) AS thisyear,
40 sum(total_price) AS total
41 FROM orders
42 Group BY date(total_price)");
43 $stm->execute();
44 $results= $stm->fetchAll();
45 // var_dump($results);
46
47 <table class="table table-striped">
48 <tr>
49 <th>Daily</th>
50 <th>Total</th>
51 </tr>
52 <?php foreach ($results as $result): ?>
53 <tr>
54 <td><?= $result["thisyear"]; ?></td>
55 <td><?= $result["total"]; ?></td>
56 </tr>
57 <?php endforeach ?>
58 </table>
59 <!-- Customers Form End -->
60 </div>
61 <!-- /.container-fluid -->
62
63 <!-- /.content-wrapper -->
64 <?php include_once 'partials/footer.php'; ?>
65
66

```

```

monthly-sale.php
26 <li class="breadcrumb-item">
27 <a href="index.php">Dashboard</a>
28 </li>
29 <li class="breadcrumb-item active">My Dashboard/Reports/Monthly</li>
30 </ol>
31 </div>
32 <!-- Customers Form Start -->
33
34 <div class="jumbotron p-2 mt-4">
35 <h3>Monthly Sell</h3>
36 </div>
37
38 <?php
39 $stm = database()->prepare("SELECT MONTHNAME(order_date) AS mname, sum(total_price) AS total FROM orders GROUP BY Month(
40 total_price)");
41 $stm->execute();
42 $results= $stm->fetchAll();
43 // var_dump($results);
44
45 <table class="table table-striped">
46 <tr>
47 <th>Month</th>
48 <th>Total</th>
49 </tr>
50 <?php foreach ($results as $result): ?>
51 <tr>
52 <td><?= $result["mname"]; ?></td>
53 <td><?= $result["total"]; ?></td>
54 </tr>
55 <?php endforeach ?>
56 </table>
57 <!-- Customers Form End -->
58 </div>
59 <!-- /.container-fluid -->
60
61 <!-- /.content-wrapper -->
62 <?php include_once 'partials/footer.php'; ?>
63
64

```

```

yearly-sale.php
29 <ol class="breadcrumb">
30 <li class="breadcrumb-item">
31 <a href="index.php">Dashboard</a>
32 </li>
33 <li class="breadcrumb-item active">My Dashboard/Report/Yearly</li>
34 </ol>
35 </div>
36 <!-- Customers Form Start -->
37
38 <div class="jumbotron p-2 mt-4">
39 <h3>Yearly Sell</h3>
40 </div>
41
42 <?php
43 $stm = database()->prepare("SELECT YEAR(order_date) AS Year,
44 sum(total_price) AS total
45 FROM orders
46 ORDER BY YEAR(total_price)");
47 $stm->execute();
48 $results= $stm->fetchAll();
49 // var_dump($results);
50
51 <table class="table table-striped">
52 <tr>
53 <th>Yearly</th>
54 <th>Total</th>
55 </tr>
56 <?php foreach ($results as $result): ?>
57 <tr>
58 <td><?= $result["Year"]; ?></td>
59 <td><?= $result["total"]; ?></td>
60 </tr>
61 <?php endforeach ?>
62 </table>
63 <!-- Customers Form End -->
64 </div>
65 <!-- /.container-fluid -->
66
67 <!-- /.content-wrapper -->
68 <?php include_once 'partials/footer.php'; ?>
69
70

```

27. System Code for Index page

```

index.php
1 <?php
2 $headerStyle = array(
3     "vendor/datatables/dataTables.bootstrap4.css"
4 );
5 $footerScript = array(
6     "vendor/popper/popper.min.js",
7     "vendor/jquery-easing/jquery.easing.min.js",
8     "vendor/chart.js/Chart.min.js",
9     "vendor/datatables/jquery.dataTables.js",
10    "vendor/datatables/dataTables.bootstrap4.js"
11 );
12 $siteTitle = "Home";
13 include_once 'partials/header.php';
14 ?>
15
16
17
18 <div class="content-wrapper">
19
20     <div class="container-fluid">
21
22         <!-- Breadcrumbs -->
23         <ol class="breadcrumb">
24             <li class="breadcrumb-item">
25                 <a href="index.php">Dashboard</a>
26             </li>
27             <li class="breadcrumb-item active">My Dashboard</li>
28         </ol>
29
30     </div>
31
32 </div>
33 <!-- /.container-fluid -->
34
35 </div>
36 <!-- /.content-wrapper -->
37
38 <?php include_once 'partials/footer.php'; ?>

```

28. System Code for Logout page

```

logout.php
1 <?php
2 include_once 'start.php';
3 // delete all
4 session_destroy();
5
6
7 // unset cookies
8 if (isset($_SERVER['HTTP_COOKIE'])) {
9     $cookies = explode(';', $_SERVER['HTTP_COOKIE']);
10    foreach($cookies as $cookie) {
11        $parts = explode('=', $cookie);
12        $name = trim($parts[0]);
13        setcookie($name, '', time()-1000);
14        setcookie($name, '', time()-1000, '/');
15    }
16 }
17 redirect('../signin.php');
18 include_once 'partials/footer.php'; ?>

```

17. Plagiarism Report

Turnitin Originality Report

Processed on: 23-Nov-2020 14:19 +06
 ID: 1454884726
 Word Count: 6916
 Submitted: 1

Similarity Index	Similarity by Source	
24%	Internet Sources:	7%
	Publications:	0%
	Student Papers:	23%

Restaurant Management System (RMS) By Mahedi Hasan

15% match (student papers from 03-May-2020) Submitted to NCC Education on 2020-05-03
4% match (student papers from 28-Mar-2018) Submitted to Daffodil International University on 2018-03-28
1% match (Internet from 06-Mar-2020) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/3629/P13366%20%2819%25%29.pdf?isAllowed=y&sequence=1
1% match (Internet from 28-Aug-2020) https://www.slideshare.net/farhadsw/automated-bus-ticket-booking-system
< 1% match (student papers from 15-Jul-2019) Submitted to Westminster International College - Kuala Lumpur on 2019-07-15
< 1% match (student papers from 20-Apr-2020) Submitted to University of Salford on 2020-04-20
< 1% match (student papers from 24-Aug-2018) Submitted to Greenwich School of Management on 2018-08-24
< 1% match (student papers from 19-Apr-2020) Submitted to riversidecollege on 2020-04-19
< 1% match (student papers from 19-Apr-2020) Submitted to riversidecollege on 2020-04-19
< 1% match (Internet from 19-Jul-2020) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/20.500.11948/1435/P05642.pdf?isAllowed=y&sequence=1
< 1% match (Internet from 12-Nov-2018) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/20.500.11948/1592/P05867.pdf?s=
< 1% match (student papers from 08-May-2018) Submitted to Tower Hamlets College on 2018-05-08
< 1% match (student papers from 17-Jul-2020) Submitted to Kaplan International Colleges on 2020-07-17
< 1% match (Internet from 17-Nov-2020) https://16034293poe.wordpress.com/
< 1% match (Internet from 18-Nov-2020) https://www.igi-global.com/forms/recommend-to-colleague/9477
< 1% match (Internet from 20-Dec-2003) http://149.142.143.86/user_ed/netmeeting/
< 1% match (Internet from 23-Nov-2019) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/2760/P12235%20%2814_%29.pdf?sequence=1
< 1% match (Internet from 24-Feb-2020) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/3555/P13663%20%2821%25%29.pdf?isAllowed=y&sequence=1
< 1% match (Internet from 07-Aug-2020) http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/3950/P15490%20%2811_%29_.pdf?isAllowed=y&sequence=1

DAFFODIL INTERNATIONAL UNIVERSITY Course Title: - CIS-499 Project Title: - Restaurant Management System Course Name: - Project (Phase II) ASSIGNMENT ON Submitted To Mr. Md. Minhaj Hosen (Project Supervisor) Department Of Computer Information System Submitted By MD. Mahedi Hasan ID: 191-16-437 Department of CIS Submitted Date:

2/11/2020 i APPROVAL This Project titled "Restaurant Management System",

Submitted by MD. Mahedi Hasan, ID No: 191-16-437 To the Department of Computing & Information Systems, Daffodil International University has been accepted as satisfactory

for the partial fulfillment of the requirements for the degree of B.Sc. in Computing & Information Systems and approved as to its style and contents. The presentation has been

held on 19-07-2020. Board of Examiners Mr. Md Sarwar Hossain Mollah

Chairman Assistant Professor and Head Department of Computing & Information Systems Faculty of Science & Information Technology Daffodil International University

_____ Ms. Nayeema Rahman Internal Examiner Sr. Lecturer
Department of Computing & Information Systems Faculty of Science & Information

Technology Daffodil International University ii Mr. Minhaj Hosen Lecturer Department of Computing & Information Systems Faculty of Science & Information Technology Daffodil

International University Dr. Saifuddin Md. Tareeq Professor Department of Computer

Science and Engineering Dhaka University, Dhaka Internal Examiner External

Examiner iii Acknowledgement First of all, I acquaint gratitude to

gratefulness ALLAH for protecting us and bloomy till complete the whole project in the current condition. Then, I acquaint gratitude to my respectable official course supervisor Mr. Md. Minhaj Hosen sir for his expensive time, inspiration, motivational speech, friendly behavior, unremitting endurance, special consultation and provide necessary intimation which are related to the project and I have complete this project in a magnificent system. Finally, I have finished the documentation in keeping with the similarity of submitted proposal. In this case, always I tried to accomplish around all of the necessity in my project.

iv Declaration Here I announced the project has been complete by me and responsibility of supervision Mr. Md. Minhaj Hosen, Lecturer of the department of CIS at [Daffodil](#)

[International University](#). Also I [announce that this project](#) and even no section have been submitted at anywhere like diploma, degree or to identify the other

qualifications. Mr. Minhaj Hosen [Internal Examiner Lecturer Department of](#) Computing & Information Systems [Faculty of Science & Information Technology Daffodil International](#)

[University](#)

v Dedicated Dedicated to My Beloved Parents vi Abstract Online Restaurant

Management systems are progressive business and day by day this business popularity has been raise. The business man mainly focusing on the customer's satisfaction that's why they are create the website by the highly skilled developers and also this system will be manageable by computer. Customers will be able to order their favorite food items from the menu. If the customers want then they can order their food items at any time from anyplace. At first, customer has to fill their information for registration. The project system is online based and it will provide various advantages for customers like customers select their favorite food, conservation tables etc. The database system provides high security because data and information will be kept here. Wherein, from the system defective any kind of data or information will be almost impossible.

vii 1. Introduction When anyone wants to develop a system, firstly that person checked the current system and picked up some data which will be related with new system because it is essential to explore the arrived system. I start to an investigation on various restaurant when I design to create an online restaurant management system then I notice that, how some of the restaurant association are running their business. Also I found out, how they are kept the customers details, staff details, order details etc. I will explain some of the intimation, issues and solution in this section that are related with this project and are much more likely to happen into this project. Immediately, my main goal will be to implement the objectives and goals into the project by following specific processes, efficiencies, strategies and possibilities.

2. Elementary Study 2.1 Project Background Worldwide, the restaurant business is one of the leading businesses in providing ready- made food for customers. Based on everyday work they have to set aside time for certain tasks which is very annoying. I am working to create a kind of system which will instinctively modify the everyday operation of the restaurant. It will be time consuming for the management staff of the restaurant. The system will provide all of the advantage which is necessary for the restaurant management staffs and customers. The management staffs can easily manage staff details, food details, payment

method and other works which will be created by the customers like customer's details, customers' orders and customer's comments. Through the system, the restaurant management staff provides services such as online menu chart; also through the online the customers provide the own information, food ordering and provide total amount of food items which has been orders by the bkash payment system. The menus of different food items that will be provided by the restaurant will be shown in different categories. Whenever customer orders an item, they will be able to see the recipe of that item also. The system will change all the previous paper works that had been made before and made all the data digitalized and kept them all in digital system. In this system, there will be two types of ordering system, one will be for dine in orders and another one will be for take away orders which will be able to create any time and any place except inside the restaurant. They have to give their information as per the rules of the restaurant in the system. They can do registration through online on the restaurant's website. Customers must have to do registration for take away orders to avoid the fake orders because it is helpful for the management staff.

2.2 Aims of Project One of the monumental goals of my project that is computerized all part of the schema that has been happened in the restaurant. There will be a database system where the important information will be hidden safely except any kind of losing. if the information is lost than intimation can be easily rescue from the backup system. The main goal of this project is to create restaurant management software that will save time between both the customer and the restaurant management staffs. The system will ensure better control over the all the tasks that have been made in restaurant. The system will provide monthly reports which will help the owner of the restaurant to calculate the earnings and the costs of the restaurant which will help to analyze if they are spending in right way or not. All the reports will be generated from all the data which will help the manager to make suitable decisions for doing the restaurant business. Suitable business decision for the restaurant.

2 .3 Objectives of Project It will expedite conversation between restaurant management staff and customers. The restaurants will improvement proficiency through the system. Customers can take the decision for orders after scene the menu by the system. By the system owner will know about the business like staff attendance, customer orders and store details etc. even the management staff not present into the restaurant. To ensure the booking, owners will be able to login as admin. The Admin will be able to input information about Restaurants

and its Items. It will minimize paper based works as soon as possible. 2 .4

Project Opportunity For Admin: Admin can view, add, update and delete food menus. Admin can view, add, update and delete categories. Admin can view orders list and delivery time. Admin can view the reports such as monthly, weekly basis. For Customers: Customer can view food menu and food details. Customer can view highest foods orders and previous order history Customer can order foods through online from the

anywhere. They can also order from dine in. In this case there will be no need to wait for waiter to give order. The order will be directly sent to the kitchen staff. The registered customer will get food suggestion based on their activities The

registered customer can give review and comments over the food item. 2 .5

Problem Area of current Project At present time, the restaurant business are playing a vital role in our diurnal lives because peoples of the modern time specially youth generation likes to eat several flavors and food that are not available at home. The kind of food the customer wants is available in the restaurant, so customers are leaning more towards the restaurant. That's why the sales of restaurants have reached a higher peak and other peoples want to run a restaurant business. As a matter of fact, the restaurant authorized suffers many problems for their business like sales, cost and customers complain etc. but the restaurant staffs don't know about this matter. The most important problem is the maximum customers don't want to bring the foods from restaurant but they want to order their beloved food items through online. In that case, the restaurant authorized recruited sales workers have to be. On the other hand, the customers do not want to give the service charge. If the customer had to go to the restaurant for order the food of his choice, he would have to wait for the waiter, then he would have to order and he could wait a little time again in some cases is to take more time to serve the orders and finally customers eat the orders items, also there is the cost of coming and going but the customers don't understand it that they are getting food at home to relax. Even, the customers easily cancel their orders if is not needed. Seen at various times, customers provide badly Behaves with waiter, manager and if the food is bad, the manager has no scope to talk 2.6 Problem Solution After analyzing the common problems that are appear in the restaurant business,

so I have created a new system which dispose the difficulty matters and that has more advantages than the previous system. This system will make the restaurant business more uplifting and easier. Through this new system the management staffs easily manage the customer's orders, food items, payment details, stock details etc. There will be a database system so there is no possibility of data loss. The authorized will scene the profit and loss by the weekly, monthly and yearly report. There is also [an easy way to communicate between](#)

management staff [and](#) customers. By the [new](#) system all of the customer can effortlessly scene the food menu but only register customer could be orders their favorite food items. According to customers wish, be able to select any food for orders from the menu chart then the customer's will pay the amount of order foods and after payment the order foods customers take confirmation message from the management staffs. When a customer wants to order choose able food items at home than they need to an android tabs, mobile or computer otherwise it is not possible to order outside of the restaurant. Also, customers can suggest any food items which are their favorite by using the comments box. Customers can update their location at any time because if the customer's order a food item from home but suddenly customer's went out urgent work in that case customer update their location.

3. Ecommerce Business 3.1 Discussion on Ecommerce Business E-commerce is the activity of commercial transactions using the Internet and web. In simple language, E-commerce refers to business transactions between enterprises and consumers. Ecommerce has been recognized as a major source of profit through the Internet. The rise of transactions through the Internet has given developing countries scope to engage in global markets. Also, E-commerce helps to overcome inequality between countries. by the internet a person sale a CD to his friend In 11th August 1994 Since then the sold system are known as net market which is considered as starting online sales (Kininzo, n.d.). But nowadays, it has become a scam where it is not possible to buy and sell through the online.

[3 .2 Examples of Ecommerce Business Retail: the product should be selling instantly without any hesitation to the customers. Wholesale: the products should be selling to the retailer who will sell the products to the customers. Drop shipping: the third party involvement is held here who will sell the products to the customers. Physical product: touchable merchandise which needs list and which will be refilled and the orders that will need to take place physically to the customers while taking the orders. \(Kilinzo, n.d.\) Digital products: the consumption or the licensed should be bought for the downloaded products to use.](#)

[Services: for the compensation, techniques should be rendered for being substitute.](#) 3

.3 Types of Ecommerce models 3 .3.1 Business to Business (B2B): For any other business purpose that selling commercial goods or services such as software. (DeMatas, n.d.)

3 .3.2 Business to Customer (B2C): Directly selling the Commercial goods or services to a client such as selling shoes from online shop (SANDY, 2018) 3 .3.3 Customer to Business (C2B): Selling the customers own goods or service to the business such as the producer waiting to license for the movie showing into the hall. 3 .3.4 Customer to Customer (C2C): A client selling his goods or services to another client such as selling old camera to another customer through bikroy.com. (SANDY, 2018) 3 .4

Problem and Solution of Ecommerce Domain 3 .4.1 Trustworthiness: The customer will not be able to see the food directly and will have to order by looking through the website. Also, through the research we have known, nowadays customers do not want to trust and pay for ecommerce sites. The customer believes that there will be no difference between the product display and the original product but there will be a difference in getting the 7 "©Daffodil International University" product. On account of this, the trust cannot be easily acquired in this ecommerce business (Kimery, 2008) ? Solution: It is difficult to keep people's confidence on of the ecommerce website in that case some steps should be taken to gain public confidence like visible tracing system for customers. If the visible tracing system is available for the customers then the ecommerce business will also gain the confidence from peoples. 3.4.2 Delivery issue: In some cases the product cannot be delivered on just time because traffic jam, service man problem, product cannot get ready to delivery etc. All of these issues tarnishing the reputation of the customer about ecommerce. Also, the delivery man comes brings the product when the customers are not at home in that case they are not able to get order.. (Graham, 2019) ? Solution: In that case, the main solution is visible tracking system for the customer because customers can view the location of delivery man when his will. Also, customer can update their location at any time if the option is add into the system then I hope the delivery issues will be decrease. 3.4.3 Quality Issues: Buying products from the ecommerce websites in modern times the biggest problem because there is no guarantee of selling quality products. Also, some products might be damaged in the delivery time but in that case they have not given recompense (Darji, 2018) ? Solution: At first, the ecommerce website authorized will be declared Compensation will be given if the product is bad then authorized will marketing

with the quality of their product. In that case, the main task is gaining customer trust. 3.4.4 Online payment failure: Online payment is the essential segment in all kinds of ecommerce website. Through the payment system customers can pay total amount for their ordering products. Sometimes the payment process may fail because of network problem, server failure etc. also sometimes the customers has not been ordered but payment has been complete (Darji, 2018) ? Solution: There are many organizations where payment may not be acceptable due to network failure or server failure like internet banking, PayPal etc. Also, the ecommerce website must be added some different options for payment. 3.4.5 Lack of security: In this current era, lack of security is the biggest problem for Ecommerce website. Ecommerce website provide One kind of compulsion for the customers such as when the customers create an account in this website customers must be given their personal details like phone number, credit card number etc. And this information is saved in their database. If they are failure to secure data will result in disclosure that may cause threats for customers. (O'Raghallaigh, 2015) ? Solution: The ecommerce website authorized should be used a domain that do not consent any kind of data to be shared. Ecommerce websites also maintain proper security when it comes to information sharing because If such information is leaked, the business will face a serious threat from customers. 4. Feasibility Study 4.1 Introduction: In this stage I have declare the probability of my project cost to create and maintenance. Various factors like operational, technical and economic (economic is the essential part in this project) will be analysis which are related into this project. Also, what kinds of materials are required and what will be the cost that is described into this stage. 4.2 Technical feasibility: Technical feasibility is a method that check the backbone of an notion and it focus to differentiate on a project. Also, it provides some related information that is how the customers are take delivery product from the service man. The CCTV camera will be setup by the architecture because when a problem is created it will be evident on the CCTV camera (Sofia, 2020). The authorized easily find the solution after view the CCTV camera also it will provide high quality security. When the submitted system will be implementing then required printer machine to print the customer bills and charge. New technologies and thinking required to be integrate to bargain better customer service and enhancement business incentive in restaurants for their satisfaction 4.3 Operations feasibility Operational feasibility is kind of a detective branch. Originally through used of this method the authorized can understand some question and answer about on implementation, internal strategy, adaptation and review etc. Mainly this method is used to provide better service to customers and to developed greater management assurance and there is nothing at the beginning of the methods but at every step some work has to be done (Sofia, 2020)

4.4 Economic Feasibility: Economic feasibility is the most essential part of each project and beside we know that when an authorized spends more money than their outlet is great this thing is no exception. Hardware, Software and Hosting is required to maintain the system that i have submitted. Basically, I don't know how much cost spends to buy this materials but I gave them a basic idea through which they would benefit (Sofia, 2020). s Equipment Reason Cost PC System controlling 40000*3 = 120,000 taka Server Saved for data 30000

taka Printer For customer bill receipt 15000 taka Web Hosting For online use 8 ,000

taka Domain www.RMS.com 3000 taka Electricity Bill Essential 3000 taka Internet

Bill Essential 3000 taka Total Cost of first month 182 ,000 taka 5.

Foundation: 5 .1 Introduction: At this step of documentation i will discuss how the management staff will understand the customer behavior, feedback etc. foundation stage are most required for each project because it is focus on the customer by the various technique like questionnaires, Interviews and Observation Technique. 5.2 Questionnaires Technique: Questionnaires technique is a method that depending on the nature of questions which provide various facilitates for face-to-face data collection. the management staff can know customer's opinion through various steps like Internet, mail, telephone or face-to-face communication. I've discussed some topics with customers about online restaurant management system like what kind of benefits they're expecting the customers told me their expectation, suggestion and take on additional costs for similar foods etc. given below

the customer's feedback (Barletta, 2017) Name Apple Mahmud Age 25 User Types

Customer Interest Different types of food testing Question – 1 Tell me your opinion

about online restaurant? Answer Online restaurant is a food store All types of food are available in. Also online restaurant are most favourite for me because I can order any food items at anyplace. Question – 2 Do you find all the food available from the menu which you

have ordered? Answer Yes, because they only display the items that are always

available for the customer and customers can orders foods among of them. Question –

3 Which types of food you prefer? Answer Fast-food items always my favourite

and sometimes I order Thai and Chinese items. 5 .3 Observation Technique:

Particularly, this technique apply for the customer movement because What the customer wants, what kind of food the customer is most interested in, What kind of environment are they accustomed to eating food etc. find out by the observation technique. The customer is always looking for good quality food but price is not matter for these foods. Observation technique always helps to find essential issues for system development

(Barletta, 2017) 6. Development 6 .1 Development of the System: The

system will be online based and user friendly that the system i want to develop. the main characteristics of the system is take online food ordering and customers can remove their order after a fixed time. Customer can update their location at any time. Through the system the user can view the food offers, obtainable foods, advantage etc. Also customers can comments for foods and it could be view all of the registration and unregister users. The system has a database to save the customers details, orders and staff details etc. Customer can paid the amount of ordering foods by the Bkash. Customers get a confirmation message by the management staff. 6.2 Justification for the method: When developer analysis the current system then they setup which methodologies are used to create the new project because there are some standard methodologies for choose to create the project. So, i have selected the waterfall methods to develop my restaurant management system because I know it is pursuant design method. This is great method when the project requirements are clearly defined also it is not best model for big or mixed project because each project has separate requirements and features etc. Figure 01:

waterfall model diagram. The developer cannot go back to the previous step

because the water fall system is sequential. Developer can work step by step by the model and the whole project can be inspected from top to bottom. If the project is to be completed successfully bu the model then the plan has to be done properly. The model is separated into seven steps like analysis, design, implementation, testing, deployment and

maintenance that details are given below. Owner can easily access into the system from anywhere as he wants and it is the best facility of this system. Before creating the system, owner has to keep all the records by doing paper works which could be lost at any time. I have developed a better system which has a lot of facilities and highly secured and

also easy to use for everyone from anywhere. 6 .3 Sections of Methodology: 6

.3.1 Analysis: In this step, I have provided the identification of the functional and non-functional requirements which will also be recognized as the requirements have, should have, could have or must have. Here I have drawn a class diagram, use case diagram,

Activity diagram so that I can represent the whole system diagrammatically. 6 .3.2

Design: About the structural and behavioral model I have briefly described in this stage. In the section of structural model, detailed diagram is showed with its all attributes and also about the methods. The collaboration diagram is also described here which will tell

what use case diagram play a role during the development. 6 .3.3 Implementation: In

this section, I have briefly described about the languages which should be used during developing the system. The database table will define individually and the

system will work by using the parallel strategy and to identify which table is working on time. There will be a training session also. The manager or the user of the system

should be a well-trained person. 6 .3.4 System Testing: I have briefly described about

the debugging of defects all of system process in this stage. I have tested the entire system for any faults and failures such as customer can face a problem to register the system, order the system etc. The implementation stages are integrated into a system

and each testing unit are developed. 6.3.5 System Deployment: The functional and non-functional testing is done and the customer makes sure the product reviewed easily without

problem, I have briefly described about in this section. This phase is done by providing a complete product to the customer. 6 .3.6 System Maintenance: In this section, I

have briefly described about the system further development for any problems. Always here are some errors and this errors come up the customer because the customer is regularly using the system. Until the customer satisfied the authorized applies another fixes as

necessary. 7. Exploration 7 .1 Introduction: At this step of the documentation, I will explain with the diagram how I searched information for the purpose

of the project because the authorized and developer easily can understand. Also, it is helpful to develop the system by analyzing the business methods and requirements. 7.2 Use Case Diagram: Figure 02: Use Case for Admin. Figure 03: Use Case for Customer. 7 .3 Initial Class Diagram: Figure 04: Initial Class Diagram. 7 .4 Details Class Diagram: Figure 05: Details Class Diagram. 7 .5 Order Activity Diagram: Figure 06: Order Activity Diagram. 7 .6 Order Sequence Diagram: Figure 07: Order Sequence Diagram. 7 .7 Requirements:

When developers analyze the current system then they found some requirements which will be related with the new system. I have list out most important requirements for beginning of the project and the all requirements are divided into two parts. 7 .7.1 Functional Requirements: ? Login system for role based ? Unregister user can view the

foods. ? Only register user could be order through online ? Admin can add or delete item from cart. ? Customer can cancel order if food is not under cooking stage. ? Customer can view previous order history ? Customer can put comment on food ? Customer can provide prefer food items ? Admin can view report. 7 .7.2 Non- Functional Requirements: ? The system should be reliable. ? The system should be capable ? The system should be scalable ? The system should be robust. ? The system should be serviceable ? The system should be maintainable. ? The system should be secure 7 .7.3

Web Application System: Users are associated in web server application by the web browser because web server applications are totally recline into the web browser. Web server application is an individual stage and no machine is needed to install. It is only necessary to have a web browser to use. Some features of web application are given below ? Web server not need to install because It can run directly ? Multi-tier application architecture usable in web server. ? Individual user system

used in web server. ? [Example of web server application is Gmail, yahoo mail etc.](#) 8.

[System Interface Figure](#) 08: [Log-in Page Figure](#) 09: [Register Page Figure](#) 10:

Home [Page Figure 11:](#) Menu [Page Figure 12:](#) Customer Reviews [page Figure](#)

[13:](#) Contact page [Figure 14:](#) User Log-in [Page Figure 15:](#) Successfully Log-in (Customer Profile) [Figure 16:](#) Payment System (1) [Figure 17:](#) Payment System (2) [Figure 18:](#) Admin Dashboard [Figure 19:](#) Staff details [Figure 19:](#) Category details [Figure 20:](#) Add foods [Figure 21:](#) Order History [Figure 22:](#) Daily Report [Figure 23:](#) User Register Database [Figure 24:](#) Order Database

9. Testing 9.1 Introduction: The testing provides original results which will be happened and the expected results that will be matched. It will also ensure that the system of the software is error free and there is no problem. By implementing a software component or system component it will be involved to evaluate one or more feature. The testing of the software will also define if there are any missing requirements that the authorization want. The system testing can definite by two ways to use like manually or using the tools. 9.2 Test Planning: An accurate test planning must be needed so that it can be depended by the effective testing. To ensure the quality, an accurate test plan must be needed. It will also show the operative of the accomplishment. Two several parts into this testing like functional and non-functional testing. Based on my project, I have tested those parts and the results of the parts. 9.3 Functional Testing: 9.3.1 Unit Testing 1. Customer register Testing 2. Adding food Testing 3. Order item Testing 9.3.2 Integration Testing 1. Valid login Testing 2. Delete food items Testing 9 [.4 Non-Functional Testing:](#)

9 [.4.1 Acceptance Testing 1.](#) Customer payment [Testing](#) 9 [.4.2 Compatibility](#)

[Testing 1. Testing for the system open in mobile](#) 9 [.4.3 Accessibility Testing 1. Testing](#)

[for acceptance of color](#) 9 [.4.4 Security Testing 1. Testing for store password as](#)

[encrypted 2. Testing all date store in database](#) 9 [.5 Test Case:](#) 9 [.5.1 Test case for](#)

[unit Testing - 1](#) Source: User Entry [Tasks](#) Input Name of the Requirement: User

Registration Priority: Must Have [Customer will be Register for use the system](#) User Name: Fahima Khatun Email: fahima@gmail.com Password: ***** Expected result Actual result Action Registration completely successful Positive The system will give an error

message on display when the user name, email, password or any field remains empty or "The password confirmation does not match". Figure 25: Registration page for customer

9.5.2 Test case for unit Testing – 2 Name of the Requirement: View Food items by admin and customer Source: Function of system Priority: Must Have Tasks Admin and customers will view menu items and only admin will can add the new food items into the food page Input No, Input button in "Menu" page for customers Expected result Actual result Action After Login, They will move inside the page and view the menu items. Positive Unregister user can view the food items. Figure 26: Menu page for customer Figure 27: Foods page for admin

9.5.3 Test case for unit Testing – 3 Name of the Requirement: View customer order by admin Source: Function of system Tasks Input Priority: Must Have Admin can view customer orders No, Input button in "Orders" page for customers. Expected result After Login, They will move inside the page and view the customer "Orders" Actual result Action Positive Only Admin can view the customer orders. Figure 28: Admin can view the customer orders

9.5.4 Test case for Integration Testing – 1 Source: User Entry Tasks Name of the Requirement: User Login Priority: Must Have Customer will be login into the system

Input Email: fahima @gmail.com Password: ***** Expected result Actual result Action Wrong Email or Password Positive The system will give an error message on display when the email or password field remains empty or "The email and password confirmation does not match". Figure 29: Wrong Email or Password Tasks Delete Name of the Requirement: Delete food items by admin Source: Function of system Priority: Must Have Admin can update or delete their food items Admin can remove their food items if they think, very much cost to create the food items and customer cannot order this food for high price. Expected result After Login, They will move inside the page then delete the food items to click the delete option. Actual result Action Positive Only Admin can update or delete the food items Figure 30: Update or Delete food item

9.5.6 Test case for Acceptance Testing Source: Function of system Tasks Delete Name of the Requirement: Customer Payment Priority: Must Have Payment for customer food orders Admin cannot remove customers payment list Expected result After Login, Admin will move inside the page and view the payment. Actual result Action Positive Only Admin can view the Payment for customer food orders Figure 31: Payment system

9.5.7 Test case for Compatibility Testing Source: Function of system Tasks Input Name of the Requirement: System will open by mobile Priority: Must Have Admin and customers will be open the System for their mobile Must be login by email id and password Expected result After Login, the admin and customers can be open the System for their mobile. Actual result Action Positive It's suitable for customer and

admin because customer can be order and admin can be known update at any place. Figure 32: Mobile log-in approach Name of the Requirement: Password Encrypted Source: Function of system Priority: Must Have Tasks Customer Password will be Encrypted. In which anyone cannot see it. Input Customers must be provide the password if they want to visit the system. Expected result When the customers provide the password the password automatically encrypted for their safety. Actual result Action Positive If the password is not encrypted in that case it might be easily hacking by hacker and the customer facing different problem cause password hacking. Finally, it will be deadly for the system admin and restaurant owner. Figure 33: Encrypted Password Source: Function of system Tasks Input Name of the Requirement: Testing all data store in database Priority: Must Have Data must be store in database Must be login by email id and password Expected result

Customers give the data for use the System that is store into the database Actual result Action Positive Yes, the Customers give the data for use the System that must be

store into the database. Figure 34: Store data into database 10. Implementation 10.1 Choose of Programming Language: For creating and developing different kind of sites, there are different varieties programming languages are available. I have used different essential languages to generate this site like ? HTML ? CSS ? PHP v3.2.4 version ? JavaScript ? MySQL To design the login interface, I have used HTML and CSS here. Checking validation is one of the most significant segments for any system. Also, to verify the various pattern of accuracy I have used JavaScript and PHP to generate the system. I have used the framework design. I have also used PHP for the backend code to design the system. to run the system properly, PHP certainly needed for all kinds of insertion, modify, obliterate and login etc. Without this, there has a database system to kept all the data properly so that there will not remain any possibility of data losing. Without using the MySQL, it is not possible to add all the data in database. As I have the basic knowledge on PHP, JavaScript, HTML and CSS, so I don't have to face that much difficulty. 11. Strength and Weakness of

the System 11 .1 Strength of the system: Access level: Access level is same for admin and customers. User friendly: User friendly Interface and Most of the basic functions are available. Online order Process: Easily orders food items by online system. Platform

independent: Any user can use this system by a web browser. 11 .2 Weakness of the system: Database system: no backup system is available so somehow the database system will crush then all data will be lost. Security problem: Any types of attack can be happened

in the system Payment Method: Card payment system isn't available in the system.

12. **Conclusion** As I have proposed for the online restaurant management system, I have done it completely with the minimal requirements finally. The system I have built be able to use anywhere at any time. I have tried to fulfill the total requirements for the project and I have to do a lot of analysis which helps me to complete my project successfully. Even though, I could not attach all of the objectives into the system but I have completed the core system. The restaurant basic activities can be completed through this system. By doing the project, I have researched a lot of things and gain a lot of knowledge which will be very helpful for my future career. Bibliography Barletta, D. (2017) humans of

data, 04 Aug, [Online], Available: <https://humansofdata.atlan.com/2017/08/4-data-collection-techniques-ones-right/> [25 Apr 2020]. Barletta, D. (2017) humans of data,

04 Aug, [Online], Available: <https://humansofdata.atlan.com/2017/08/4-data-collection-techniques-ones-right/> [25 Apr 2020]. Darji, P. (2018) myadvo, 14 September, [Online], Available: <https://www.myadvo.in/blog/5-most-common-problems-faced-by-consumers-while-shopping-online/> [25 Apr 2020]. Darji, P. (2018) myadvo, 14 September, [Online], Available: <https://www.myadvo.in/blog/5-most-common-problems-faced-by-consumers-while-shopping-online/>

[25 Apr 2020]. DeMatas, D. ecommerce ceo, [Online], Available: <https://www.eyerys.com/articles/types-e-commerce-models>

[25 Apr 2020]. Graham, P. (2019) ecommerce-nation, 26 Feb, [Online], Available: <https://www.ecommerce-nation.com/what-problems-faced-consumers-ecommerce/>

[25 Apr 2020]. Hyken, S. (2019) acquire, 12 Jul, [Online], Available:

<https://acquire.io/blog/problems-solutions-ecommerce-faces/> [25 Apr 2020]. Kilinzo, R. ecommerce guide, [Online], Available: <https://ecommerceguide.com/guides/what-is-ecommerce/> [25 Apr 2020]. Kimery, K.M. (2008) igi-globa, 18 Nov, [Online], Available:

<https://www.igi-global.com/chapter/signals-trustworthiness-commerce/9477> [25 Apr 2020]. Kininzo, R. ecommerce guide, [Online], Available: <https://ecommerceguide.com/guides/what-is-ecommerce/> [25 Apr 2020]. O'Raghallaigh, E.

(2015) digital strategy, 08 June, [Online], Available: <https://digitalstrategy.ie/security-issues-in-e-commerce/> [25 Apr 2020]. SANDY, K. (2018) ecommerce ceo, 13 May, [Online], Available: <https://www.ecommerceceo.com/types-of-ecommerce-business-models/> [25 Apr 2020]. SANDY, K. (2018) ecommerce ceo, 13 May, [Online], Available: <https://www.ecommerceceo.com/types-of-ecommerce-business-models/>

[25 Apr 2020]. Sofia, D. (2020) simplilearn, 23 Mar, [Online], Available: <https://www.simplilearn.com/feasibility-study-article> [25 Apr 2020]. Sofia, D. (2020) simplilearn, 23 Mar, [Online], Available: <https://www.simplilearn.com/feasibility-study-article>

[25 Apr 2020]. Sofia, D. (2020) simplilearn, 23 March, [Online], Available: <https://www.simplilearn.com/feasibility-study-article> [25 April 2020]. 15.

Appendices 15.1 User Guide All customers can visit the website by using any browser but customer can't order any food items without registration and log-In. So, at first customer have to fulfill the all condition of the restaurant for registration. After complete the registration the website will take automatically the Log-In page because the page have done by redirect. If the customer wants to go inside the website for orders any food items then customer will give the email id and password. Customer can view the profile which that information has been registered in this website. Customer will be able to update their profile if the customer wants to change any information. Also, Customer will be able to update their password if the old password is difficult to remember. If the customer wants to order any food items then the customer click into Ordernow button. After click the Ordernow button the website will take automatically the Billing address pages then the customer choose the number of quantity but customer cannot order more than 10. After choose the number of quantity then automatically show total price for number of order items then customer paid the total amount by the Bkash and customer type the Bkash TrxID then click into confirm button. If the customer wants to comment about of our menu items then the customer click the comment button then the website will take automatically the review page. Then customers type their message into message box then click into the send message

button. If the customers face any problem with restaurant then customer can contact with the restaurant manager by the contact information. 15.2 Admin Guide If the

