

Title: Online Food Corner

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This Project report has been submitted in fulfillment of the requirements for the Degree of Bachelor of Science in Software Engineering.

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DECLARATION

I hereby declare that, this project report submitted to the Daffodil International University, is a record of an original work done by me under the guidance of Ms. Fatama Binta Rafiq, Lecturer at the department of Software Engineering, Daffodil International University. I also declare that the project reported in this document has not been submitted to any other University or Institute for the award of any degree or diploma.

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ACKNOWLEDGEMENT

Alhamdulillah, I have been successfully complete the project by the Gratefulness of almighty Allah. I would acknowledge many honorable individuals whose have been contributed for the preparations of the project in different stages.

First, I would like to thanks from my heart to my parents to give the opportunity for Studying in software engineering. They made my way easier to achieve my goals and my dreams, without them it will not be possible.

I would express my deepest thanks to my honorable supervisor and teacher Ms. Fatama Binta Rafiq Lecturer, Department of Software Engineering, Daffodil International University. She is the coolest person I had ever seen and she had lot of experience in the software engineering field. Her valuable advice, supervision and lot of experience made it easier to complete the project. Gratefulness from my heart to Honorable Dr. Touhid Bhuiyan, Head, Department of Software Engineering, for his kind aid to finish my project. Also, thanks from my heart to my honorable faculty member and staff of the Software Engineering department of Daffodil International university. My contribution to this project did not make it successful without the help of my Supervisor & my internal reviewer. They always encouraged me to develop this project and help me to discover the project goals and problem, also help me find out the critical problem solutions.

ABSTRACT

A restaurant management system is a multi-faceted software that helps streamline your restaurant's operations and provides automation so that you can worry about what matters most — preparing great food. All types of food businesses ranging from restaurants, bakeries, bars, cafes, bistros, food trucks or delivery businesses are immensely helped by a restaurant management system.

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- x. Admin
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CHAPTER 1

(a) INTRODUCTION

1.1. Project Overview

Online Food Corner System is an online web application. Where the customer can visit the system and view menu list. Customer can reserve a table through this site. Customer can directly contact with the customer for any kind of help through the contact option.

Admin can login into the system and he/she can view the dashboard. Then he/she can accept or reject customer's reservation request. Admin can view the customer feedback and also can delete it.

Admin can add, edit and delete category as well as he/she can add item under category. Admin can edit and delete items.

The system automatically send email when admin accept customer's reservation request.

1.2. Project Purpose

1.2.1. Background

Online restaurant management system is a web application. This system is developed to automate day to day activity of a restaurant. Restaurant is a kind of business that serves people all over world with ready-made food. This system is developed to provide service facility to restaurant and also to the customer. Customer wants celebrate party so they need some seat or table, but sometimes come to the restaurant and they do not get any seat. This system will overcome all the problems and do something modern and valuable.

1.2.2. Benefits and Beneficiaries

This is web-based system and everyone can use this system. There are two types of users in this system. Customer can easily visit the site. After visit the site, customer see the menu list. Customer can book the reservation table through this system. If customer need any help or information, then can send a message or live chat with admin.

After visit the site, customer see the menu list. Customer can book the reservation table through this system. If customer need any help or information, then can send a message or live chat with admin.

List of the operation the system will provide: -

- Customer see the offer item and update new item in slider.
- Customer see the all menu list easily
- Customer know the item price
- Customer can book the reservation with schedule time and date
- If a customer wants to cancel their reservation or any help or information, they send
 a message to admin for contact

1.2.3. Goals

This system will maintain customer activity. This system has two users, customer and admin. User can easily visit this site. They can see all menu list with price and also book their table reservation with time and date schedule. For example, customer come to the restaurant and want to know menu list and menu price, in this system customer can see the information from the website. Customer can book the reservation table through this system. If customer need any help or information, then can send a message or live chat with admin.

1.3. Stakeholders

There are two types of stakeholders

- Customer
- Restaurant

1.4. Proposed System Model (Block Diagram)

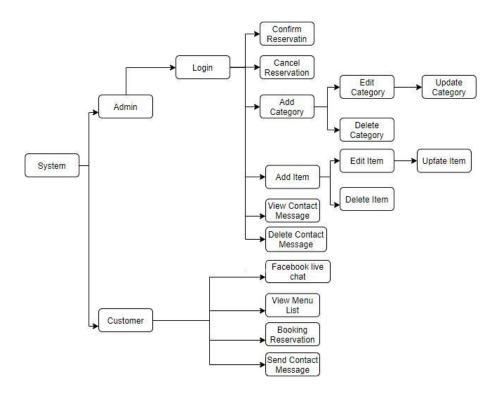


Figure 1.1: Block diagram (Online Food Corner)

1.5 Project Schedule

1.5.1. Gantt Chart

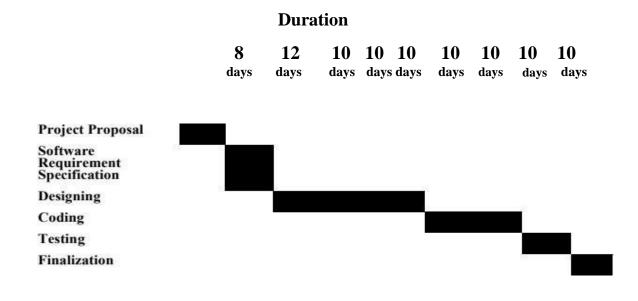


Figure 1.2: Gantt chart (Online Food Corner)

1.5.2 Release Plan/Milestone

The following contents will be delivered with the project:

- Documentation
- Individual Resources assignments
- Detailed 3months plan

CHAPTER 2

(b) SOFTWARE REQUIRMENT SPECIFICATION

software requirements specification (**SRS**) is a detailed description of a **software** system to be developed with its functional and non-functional **requirements**. It is a structured document setting out detailed description of the system services written as a contract between client and contractor.

2.1. Functional Requirements

- Menu List Features
- Categories List & Menu list
- The system will display a list of all items offered by the restaurant. Must have the system will organize the list of items by items category. The system will display detailed items descriptions and price
- System should allow the customer to check the reservation table

2.2. Data Requirements

 Describe how the system will process and store the data elements and logical data groupings identity data archiving requirements

2.3 Performance Requirements

2.3.1 Speed and Latency Requirements

- Data would be insert in MySQL database in a second
- If there are any validation error, the error would show in one second

2.3.2 Precious or Accuracy Requirements

- After login, every successful login user would show the accurate data from the database.
- Customer should book the reservation request and admin could confirm or cancel the request.
- Only the Authentic user can view the authentic data.

2.4 Dependability Requirements

2.4.1. Availability Requirements

- This web application should run on a web browser (Example: Chrome, Firefox)
- System should response though customer's activity and perform immediately.
- This system is a web application & it will available 24hours.

2.5. Maintainability & Supportability Requirement

2.5.1. Maintenance Requirements

- Fixed when the server is hackers attack.
- Fixed bugs when the system will be corrupted.
- Help center if any problems will be happened.

2.5.2 Supportability Requirements

• User manual will be conferred for users with documentations.

2.6 Security Requirements

2.6.1 Access Requirements

• Registered user will be able to login the admin page.

Admin account will be default accounts which will check the customer activity
 & management the system.

2.7. Usability and Human-Interactions Requirements

2.7.1. Ease of Use Requirements

- System Maintenance interface should not be depth.
- User interface should easy to use

2.7.3. Understanding and Politeness Requirements

- Customer accounts should be appreciable to the customer.
- User account should be anyone who can browse the internet.

2.7.4. Accessibility Requirements

 This is a web application and this system will be accessible for any device (Computer, Mobile) with the internet connection.

2.8. Look and Feel Requirements

2.8.1. Appearance Requirements

2.8.2. Style Requirements

• The Online Food Corner management system where the customer can see item with price and booking reservation anytime anywhere

2.9 Operational and Environment Requirements

2.9.1. Expected Physical Environment

The away a physical space is organized and arranged says a lot to customer about what is
expected there and the sort of interactions that are welcome. It is important to us to
develop an inclusive.

2.9.2. Requirements for interfacing with Adjacent Systems

- The user talks to the computer/device via the commands, menu & button on the users interfacing.
- The applications talk to the operating system via the API which defines the parameters that are passed between them.
- Application use protocol to connect a network. The network software uses extra
 protocols, all of which make up the communications interface

2.10. Legal Requirements

2.10.1. Compliance Requirements

 Utilize services that already pass with complex internationally recognized standards to more easily meet new requirements, such as facility the request of data-subject.

2.10.2. Standard Requirements

- Customer provide all correct information for book their reservation table.
- User used this application system.
- Admin should not need to know any programming knowledge but must to know the management the system.

CHAPTER 3

(c) SYSTEM ANALYSIS

3.1. Use Case Diagram

3.1.1. Customer use case diagram

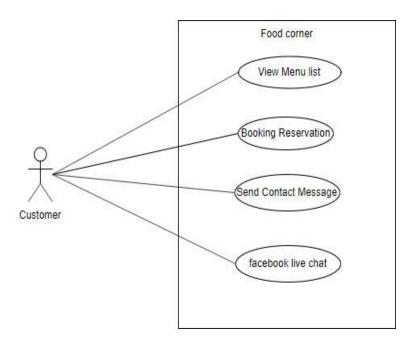


Figure 3.1: Use Case Diagram for customer (Online Food Corner)

3.1.2 Admin use case diagram

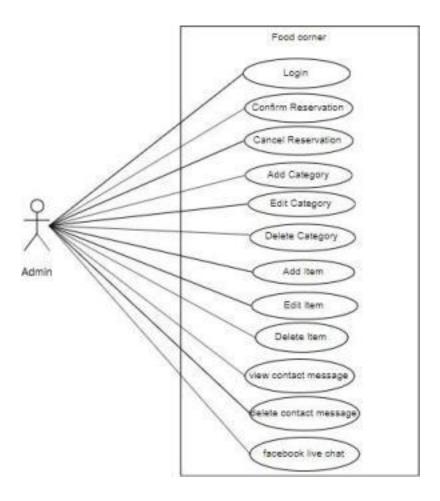


Figure 3.2: Use case for Admin (Online Food Corner)

3.2. Use Case Description

Table 3.1: Admin Login

Use Case Name	Login		
Scenario	Admin can login the system		
Brief Description	Admin should login with the organization's email id and password		
Actor	Admin		
Precondition	Must be organization's valid email password for login		
Follows of events	Step System		
	1	Confirm valid Email address.	
	2 Confirm valid password.		
Exception Condition	If Admin doesn't give the valid email or password or both, the system		
	will ignore login.		

Table 3.2: Customer View Menu list

Use Case Name	Menu List		
Scenario	Customer can se	e the menu list	
Brief Description	Customer visit this application and they can see all menu items with		
_	price		
Actor	Customer		
Precondition	Must be run this application.		
Follows of events	Step	System	
	1	Visit the site.	
	2	See the menu list	

Table 3.3: Customer Booking Reservation

Use Case Name	Booking Reservation		
Scenario	Customer can bo	ook the reservation	
Brief Description	Customer visit th	nis website and they can book the reservation with	
	their time and date schedule		
Actor	Customer		
Precondition	Must be organization's email and valid phone number for reservation		
Follows of events	Step	System	
	1	Select time and date.	
	2	Successfully send booking reservation action	
Exception Condition	If Customer doesn't give the valid phone number, their request will not		
	confirm		

Table 3.4: Customer Facebook live chat

Use Case Name	Facebook live chat		
Scenario	Customer live chat with Admin		
Brief Description	Customer visit this application for chatting admin for any help or any information needed		
Actor	Customer		
Precondition			
Follows of events	Step	System	
	1	Login customer Facebook account.	
	2 Live Chat with admin.		
Exception Condition	If Customer doesn't give valid Facebook id or password, they can't		
	chat with admin		

Table 3.5: Admin Confirm Reservation

Use Case Name	Confirm Reservation		
Scenario	Admin can confi	rm the reservation	
Brief Description	Admin can confi	Admin can confirm reservation & customer get a confirmation mail.	
Actor	Admin		
Precondition	Must admin login the system		
Follows of events	Step System		
	1 Confirm reservation		
	2 Customer get a confirmation mail		
Exception Condition	Valid Admin can confirm the reservation		

Table 3.6: Admin Cancel Reservation

Use Case Name	Cancel Reservation			
Scenario	Admin can ca	Admin can cancel the reservation		
Brief Description	If Customer s	If Customer schedule time or table will not be available or customer		
	phone number isn't validating, admin can cancel their reservation			
	request			
Actor	Admin			
Precondition	Must admin login the system			
Follows of events	Step System			
	1	1 Confirm delete reservation		
Exception Condition	Valid Admin can cancel the reservation			

Table 3.7: Admin Add Category

Use Case Name	Add Category			
Scenario	Admin can add	Admin can add category		
Brief Description	Admin can cate	Admin can category which are available or needed.		
Actor	Admin			
Precondition	Admin login the system			
Follows of events	Step	Step System		
	1 Successfully add category			
Exception Condition	Valid Admin can add category			

Table 3.8: Admin Edit Category

Use Case Name	Edit Category	
Scenario	Admin can edit category	
Brief Description	Admin can edit category where needed.	
Actor	Admin	
Precondition	Admin login the system	
Follows of events	Step	System
	1	Successfully edit the category
Exception Condition	Valid Admin can edit the category	

Table 3.9: Admin Delete Category

Use Case Name	Delete Category	
Scenario	Admin can delete the category	
Brief Description	Admin can delete the category which are not available or needed.	
Actor	Admin	
Precondition	Admin login the system	
Follows of events	Step	System
	1	Successfully deleted the category
Exception Condition	Valid Admin can delete the category	

Table 3.10: Admin Add Item

Use Case Name	Add Item	
Scenario	Admin can add the item	
Brief Description	Admin can add the item which are available or needed.	
Actor	Admin	
Precondition	Admin login the system	
Follows of events	Step	System
	1	Successfully add item.
Exception Condition	Valid Admin can add item	

Table 3.11: Admin Edit Item

Use Case Name	Edit Item	
Scenario	Admin can edit the item	
Brief Description	Admin can edit the item where will be needed.	
Actor	Admin	
Precondition	Admin login the system	
Follows of events	Step	System
	1	Successfully edit the item.
Exception Condition	Valid Admin can edit the item	

Table 3.12: Admin Delete Item

Use Case Name	Delete Item	
Scenario	Admin can delete the item	
Brief Description	Admin can delete the item which are not available or needed.	
Actor	Admin	
Precondition	Admin login the system	
Follows of events	Step	System
	1	Successfully delete the category.
Exception Condition	Valid Admin can delete the category	

Table 3.13: Customer Send Contact Message

Use Case Name	Send Contact Message	
Scenario	Customer can send the contact message	
Brief Description	Customer can send a message to admin for any help, information or	
	cancel their reservation request.	
Actor	Customer	
Precondition	Customer have valid email for contact with admin	
Follows of events	Step	System
	1	Send Contact message successfully.
Exception Condition	If the customer will not fill up the all fields, the system will deny send	
	Message	

Table 3.14: Admin View Message

Use Case Name	View Contact message	
Scenario	Admin can view the contact message	
Brief Description	Admin can view the customer's message; admin can mail or phone to a customer for any help or information	
Actor	Admin	
Precondition	Admin login the system	
Follows of events	Step	System
	1	Successfully view the message.
Exception Condition	Valid Admin can view the customer's message	

Table 3.15: Admin Delete Message

Use Case Name	Delete Contact message	
Scenario	Admin can delete the contact message	
Brief Description	Admin can delete the customer's message, when it's no more needed or after view message or contact	
Actor	Admin	
Precondition	Admin login the system	
Follows of events	Step	System
	1	Successfully deleted the message.
Exception Condition	Valid Admin can delete customer's message	

Table 3.16: Admin Facebook Live Chat

Use Case Name	Facebook live chat	
Scenario	Admin live chat with the customer	
Brief Description	Admin can live chat with customer, for this admin chatting with the	
	customer by using Facebook messenger	
Actor	Admin	
Follows of events	Step	System
	1	Going to the admin Facebook page.
	2	Live Chat with the customer.
Exception Condition	If admin forget his Facebook email or password, cannot chatting with	
	the customer	

3.3. Activity diagram

3.3.1. Admin login

Admin will login to the system after successfully submitted correct user name and password.

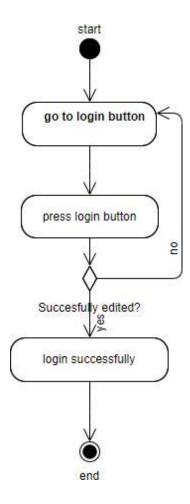


Figure 3.3.1: Activity diagram (Online Food Corner)

3.3.2. Customer view menu list

Customer will see the menu list after press menu list button.

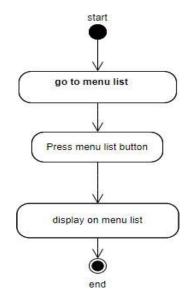


Figure 3.3.2: Activity Diagram (Online Food Corner)

3.3.3. Customer booking reservation

Customer will be booked reservation after successfully submitted the reservation form.

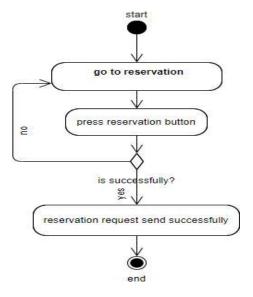


Figure 3.3.3: Activity diagram (Online Food Corner)

3.3.4. Customer send contact message

Customer will send message after submitting the contact form.

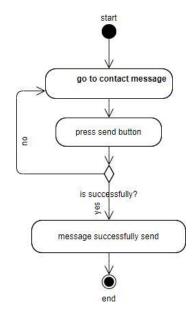


Figure 3.3.4: Activity diagram (Online Food Corner)

3.3.5. Customer Facebook live chat

Customer will able to live chat after login with Facebook.

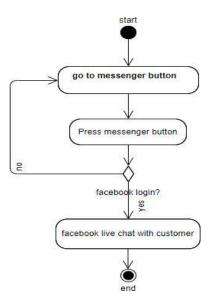


Figure 3.3.5: Activity diagram (Online Food Corner)

3.3.6. Admin confirm reservation

Admin will confirm the reservation if the seat is available.

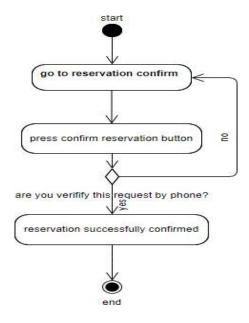


Figure 3.3.6: Activity diagram (Online Food Corner)

3.3.7. Admin cancel reservation

Admin will cancel the reservation if the seat is not available.

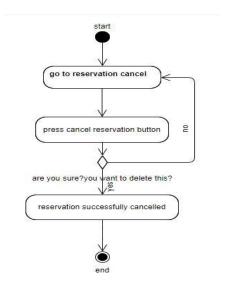


Figure 3.3.7: Activity diagram (Online Food Corner)

3.3.8. Admin add category

Admin will add category after submitting add category form.

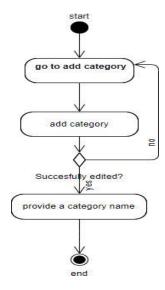


Figure 3.3.8: Activity diagram (Online Food Corner)

3.3.9. Admin edit category

Admin will edit category after submitting edit category form.

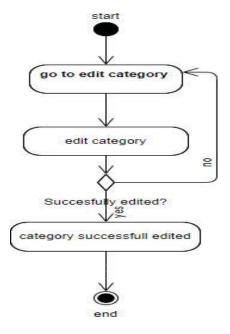


Figure 3.3.9: Activity diagram (Online Food Corner)

3.3.10. Admin delete category

Admin will delete category after submitting delete.

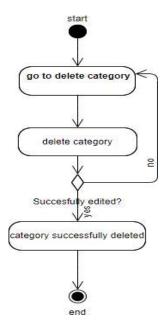


Figure 3.3.10: Activity diagram (Online Food Corner)

3.3.11. Admin add item

Admin will add item after submitting add item form.

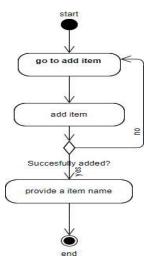


Figure 3.3.11: Activity diagram (Online Food Corner)

3.3.12. Admin edit item

Admin will edit item after submitting edit item form.

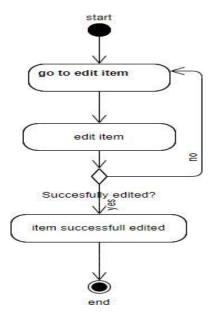


Figure 3.3.12: Activity diagram (Online Food Corner)

3.3.13. Admin delete item

Admin will delete item after submitting delete.

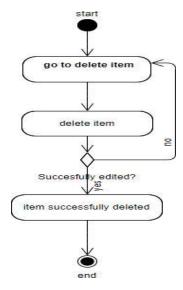


Figure 3.3.13: Activity diagram (Online Food Corner)

3.3.14. Admin view contact message

Admin will view contact message after pressing the view button.



Figure 3.3.14: Activity diagram (Online Food Corner)

3.3.15. Admin delete contact message

Admin will delete contact message after pressing the delete button.

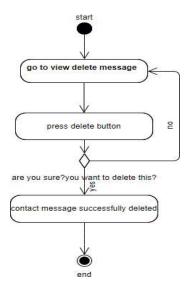


Figure 3.3.15: Activity diagram (Online Food Corner)

Chapter 4

(d) System Design Specification

4.1. Sequence diagram

4.1.1. Admin login

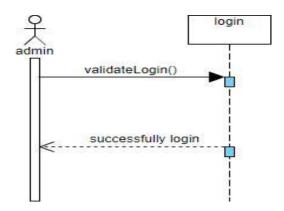


Figure 4.2.1: Sequence Diagram (Online Food Corner)

4.2.2. Customer view menu list

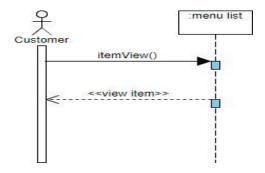


Figure 4.2.2: Sequence diagram (Online Food Corner)

4.2.3. Customer booking reservation

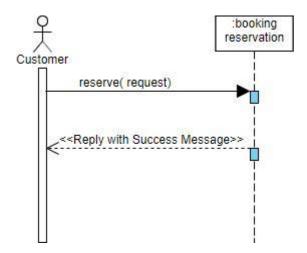


Figure 4.2.3: Sequence diagram (Online Food Corner)

4.2.4. Customer send message

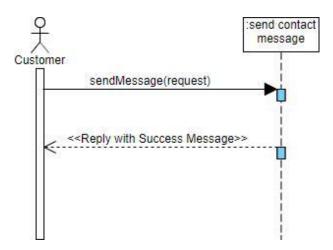


Figure 4.2.4: Sequence diagram (Online Food Corner)

4.2.5. Customer Facebook live chat

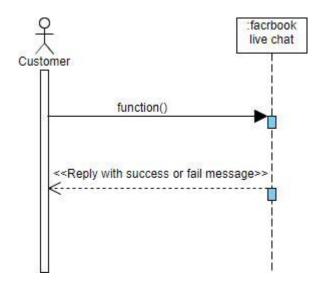


Figure 4.2.5: Sequence diagram (Online Food Corner)

4.2.6. Admin Confirm reservation

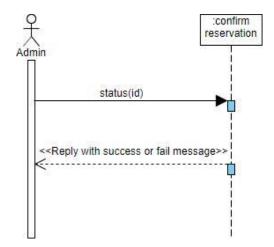


Figure 4.2.6: Sequence diagram (Online Food Corner)

4.2.7. Admin cancel reservation

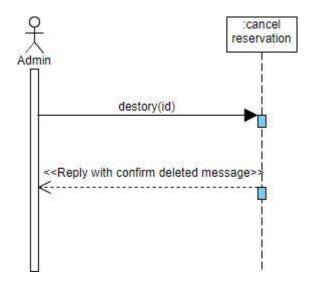


Figure 4.2.7: Sequence diagram (Online Food Corner)

4.2.8. Admin add category

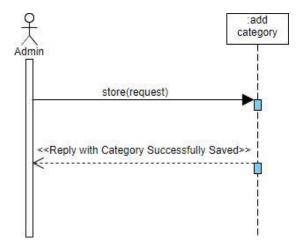


Figure 4.2.8: Sequence diagram (Online Food Corner)

4.2.9. Admin edit category

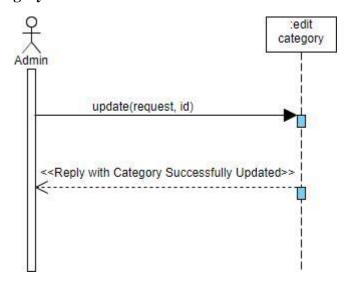


Figure 4.2.9: Sequence diagram (Online Food Corner)

4.2.10. Admin delete category

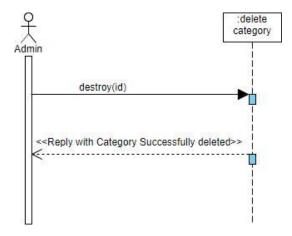


Figure 4.2.10: Sequence diagram (Online Food Corner)

4.2.11. Admin add item

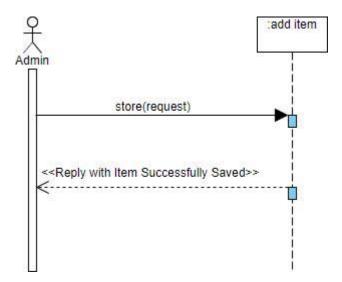


Figure 4.2.11: Sequence diagram (Online Food Corner)

4.2.12. Admin edit item

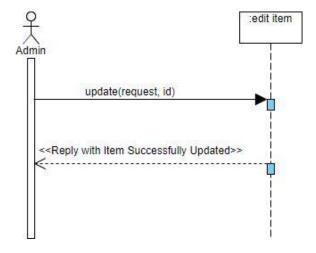


Figure 4.2.12: Sequence diagram (Online Food Corner)

4.2.13 Admin delete item

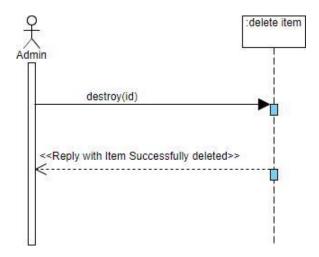


Figure 4.2.13: Sequence diagram (Online Food Corner)

4.2.14. Admin view contact message

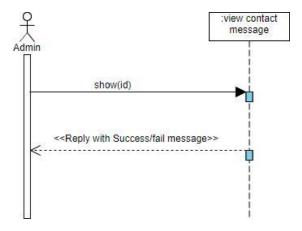


Figure 4.2.14: Sequence diagram (Online Food Corner)

4.2.15 Admin delete message

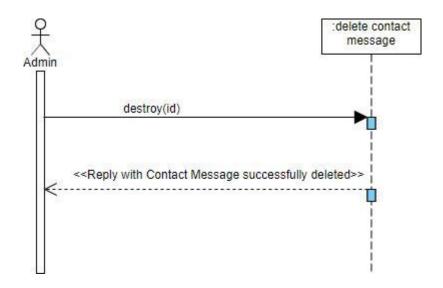


Figure 4.2.15: Sequence diagram (Online Food Corner)

4.2. Class diagram

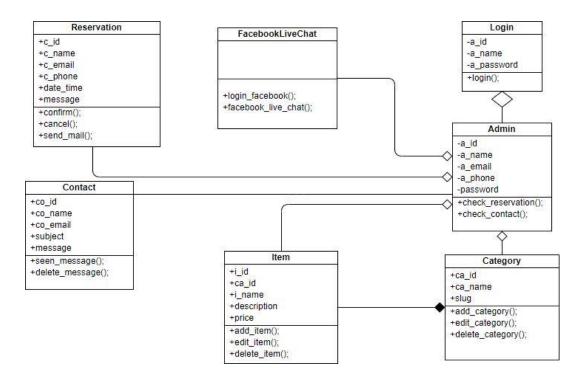


Figure 4.3: Class diagram (Online Food Corner)

4.3. Entity Relationship Diagram

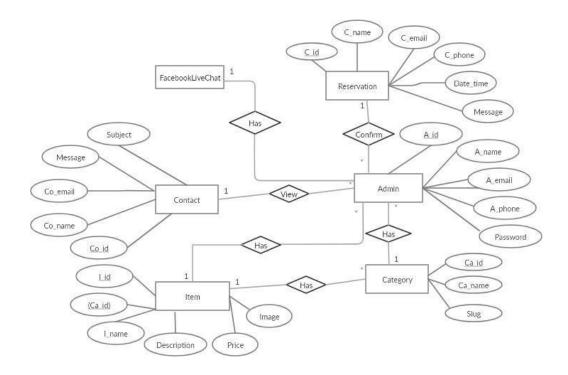


Figure 4.4: Database design diagram (Online Food Corner)

4.4. Development tools & technology

- HTML
- CSS3
- Bootstrap 4
- jQuery Plugins

4.4. Implementation Tools & Platforms

- Laravel Framework
- MySQL
- PhpMyAdmin
- Xampp

CHAPTER 5

(e) SYSTEM TESTING

5.1. Features to be tested

- Admin login
- Make a reservation
- Live chat

5.1.1. Features not to be tested

- Order
- Payment

5.2. Testing Strategies

5.2.1. Test approach

- The entire system will be tested manually.
- The system testing based on the customer.

5.2.2. Pass/Fail Criteria

- System will crash considered as the fail case.
- The test will pass if the event conference the object design requirement or fail or not.
- List all results that decide the test case is passed or failed.

5.2.3. Suspension and Resumption

- The system will be passing the if every develop is successfully if not then it's tried again.
- The system should work rightly after each change in the design

5.2.4 Testing Schedule

Table 5.1: Testing Schedule (Online Food Corner)

Test Phase	Days	Owner
Test plan creation	6 days	Md. Maksudul Alam
Test specification creation	9 days	Md. Maksudul Alam
Test specification team review	9 days	Md. Maksudul Alam
Component testing	9 days	Md. Maksudul Alam
Integration testing	9 days	Md. Maksudul Alam
System testing	9 days	Md. Maksudul Alam

Figure 5.1: Testing Schedule (Online Food Corner)

5.4. Test Case

5.4.1. Test case 1

Table 5.2: Test case 1

Test case: 1	Test case name: Login	
System: Online Food Corner	Subsystem: N/A	
Designed by: Maksudul	Design date: 15-07-2020	
Executed by: Maksudul	Executed date: 19-08-2020	
Pre-condition: User must be login with valid email and password.		

Test	Description	Expected System	Input	Output	
case ID		Response			Comment
1	When a user click's the login button without email and password	Email & Password required.	Email: Password:	Pass	Email & Password required.
2	When a user enters email without password	The process show, password is required.	Email: mail2m kmishuk.com Password:	Pass	Password required.

3	When a user enters the password without email	The process show, mail is required.	Email: Password: mail 720	Pass	Mail required.
4	When a user enters valid email and wrong password.	The process show, password is incorrect	Email: mail2mk Mishuk.com password: mail 720adfaefdv	Pass	Invalid login attempts
5	When a user enters valid password and wrong email.	The process show, email is not found.	Email: mail2mk mishu.gmail.co m password: mail 720	Pass	Invalid login attempts
6	When a user enters the wrong email and wrong password.	The process show, email is not found.	Email: mail2test. gmail.com password: mail 720adfgd	Pass	Invalid login attempts
7	When a user enters valid password and valid email.	The system will successfully access to the account and redirect to the dashboard	Email: mail2skip om password: mail 720	Pass	Login attempts successful

CHAPTER 6

(f) USER MANUAL

6.1. User Manual (Admin)

6.1.1. Admin Login

Admin have to enter a valid email address & password for login.

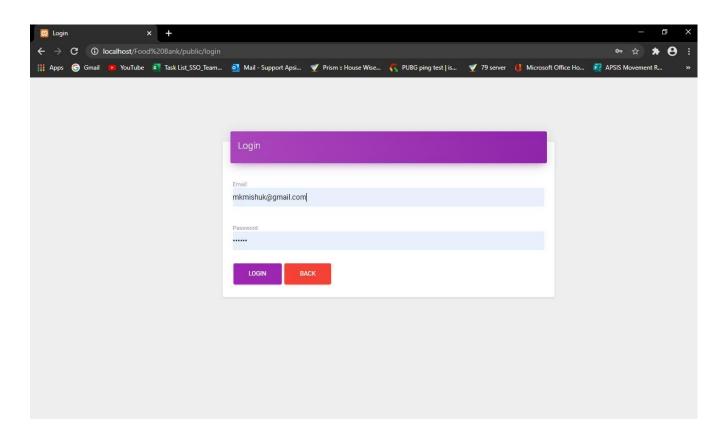
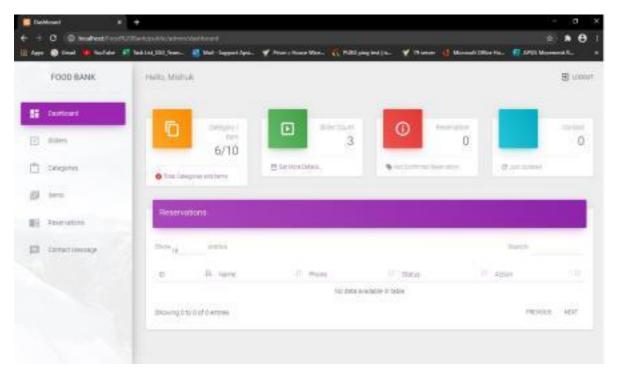


Figure 6.1: Admin login (Online Food Corner)

6.1.2. Admin Dashboard

After login successfully, admin can see the dashboard panel.



5

Figure 6.2: Admin dashboard (Online Food Corner)

6.1.3. Slider

By clicking on the slider option, admin can add sliders for homepage.

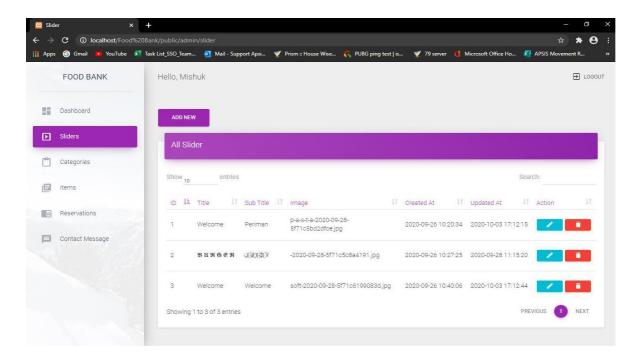


Figure 6.3: Categories (Online Food Corner)

6.1.4 Item

After clicking on the item option, admin can add item, edit and delete the item.

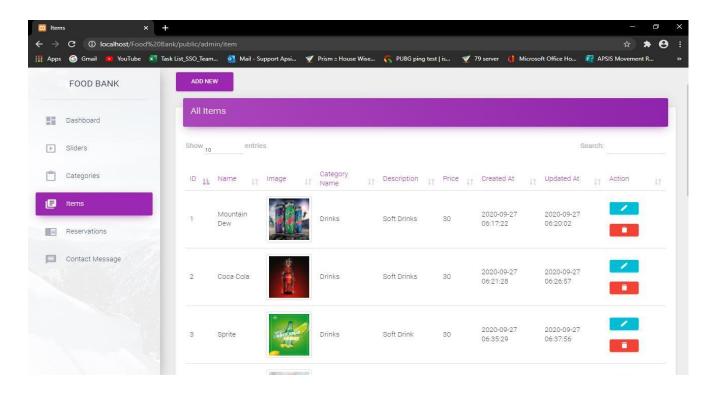


Figure 6.4: Items (Online Food Corner)

6.1.5 Reservation

After click reservation, admin can confirm or cancel customer reservation request

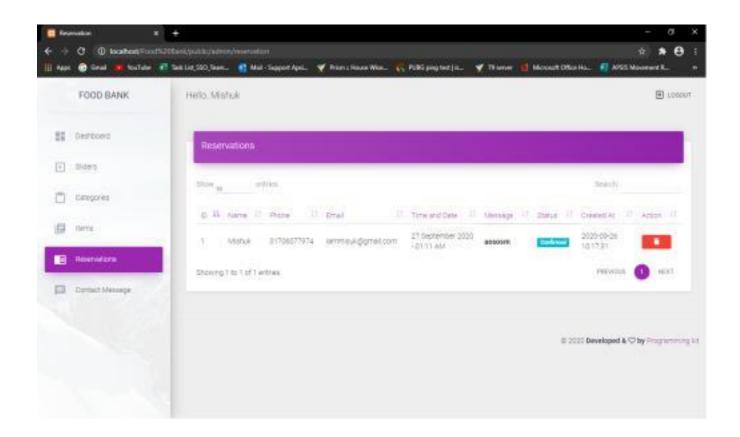


Figure 6.5: Reservation (Online Food Corner)

6.1.6 Contact Message

After click contact message, admin can view & delete the contact message

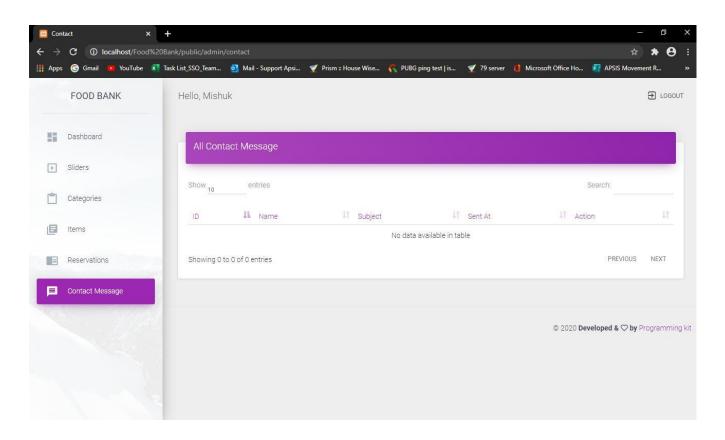


Figure 6.6: Contact Message (Online Food Corner)

6.2. User Manual (Customer)

6.2.1. Menu list

After visit this system, customer can choose the menu list button for see menu list and price.

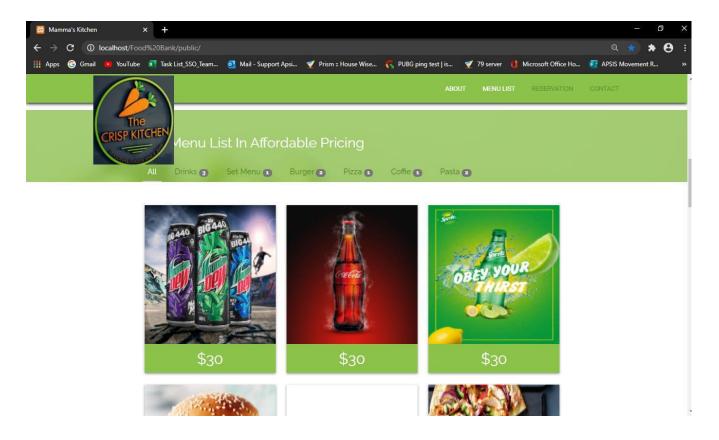


Figure 6.7: Menu list (Online Food Corner)

6.2.2. Booking reservation

Customer booking reservation by clicking on the reservation button and complete the step.

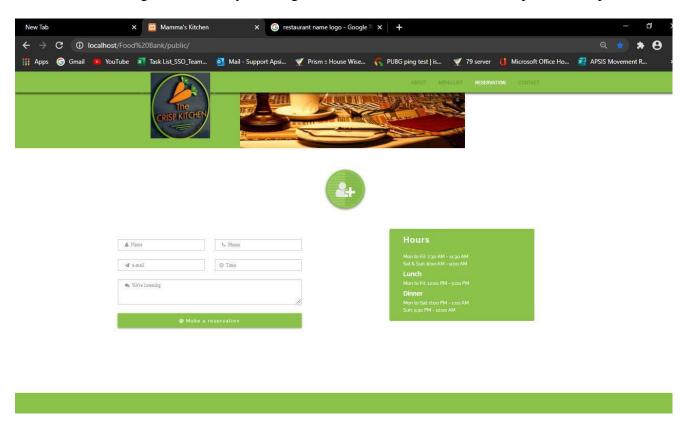


Figure 6.8: Booking reservation (Online Food Corner)

6.2.3. Contact Message

If any customer wants to know any information or cancel reservation; they can send a message.

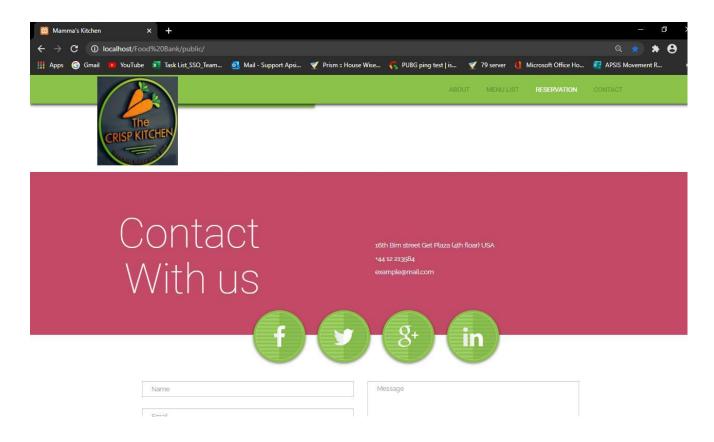


Figure 6.9: Send message (Online Food Corner)

6.2.4 Facebook Live Chat

Customer wants to live chat with admin, they choose the messenger sing an option

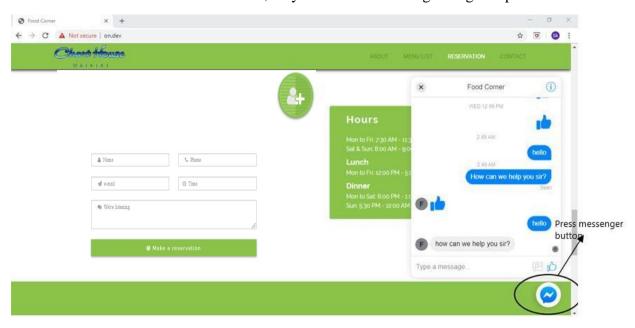


Figure 6.10: Facebook live chat (Online Food Corner)

(g) PROJECT SUMMARY

7.1. GitHub Link

Link: https://github.com/Maksudul1143/Project.git

7.2 Critical Evolution

- At the end of project, you should Investigate the project to evaluate what the project has archived
- Critically evaluate all perspective of the outcome of the project

7.3 Limitations

Every project has some limit, no project can be an accurate fulfill project "Online Food Corner" it has some limitation

- The project has a reservation getaway, but it's not views reservation table.
- The project has no online delivery.

7.4 Obstacles & Achievements

Every day technologies are system update, Laravel framework is one which updating a day by day. It's fully tough to work, but not so difficult. When I am developing the system, there are too many errors occurs.

7.5 Future Scope

Every project has some future scope, so that the application adds some update features. This project has some scope & the scope can be

- Customer can order home delivery.
- Customer can payment online.

There are many features can be updated on this project. But this many features which can't be develop by one person.

REFERENCES

7.6 Database design and diagram

[Access on 20 August 2020 11.31 pm]

https://app.creately.com/diagram/5hy8sVwtUKX

Activity Diagram, Use case Diagram, Class Diagram, Sequence Diagram

[Access on 21 September 2020 2.21 am]

https://www.visual-paradigm.com/

Literature review

[Access on 10 July 2020, 1.30am]

 $\underline{https://www.fatbit.com/fab/build-online-restaurant-reservation-website-with-bestfeatures-and-business-model}$

Plagiarism Report

7.7 Plagiarism Report

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