

**AGRI E-COMMERCE FARM SELLER**

**BY**

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This Report Presented in Partial Fulfillment of the Requirements for  
the Degree of Bachelor of Science in Computer Science and  
Engineering.

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**DAFFODIL INTERNATIONAL UNIVERSITY DHAKA,**

**BANGLADESH DECEMBER 2020**

## **APPROVAL**

This Project titled “**Agri E-Commerce Farm Seller**”, submitted by Mosaddek Newaz Ahmed, ID: 161-15-7196, Mridul kar, ID: 161-15-6788, Hasin Wasin Fuad, ID:161-15-7322 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 31<sup>st</sup> January,2021.

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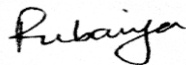


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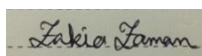
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## DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Ms. Zakia Zaman, Lecturer of CSE Department**, Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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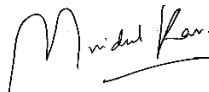
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*Development*” to carry out this project. Her endless patience, scholarly guidance, continual encouragement, constant and energetic supervision, constructive criticism, valuable advice, reading many inferior draft and correcting them at all stage have made it possible to complete this project.

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Finally, we must acknowledge with due respect the constant support and patients of our parents.

## **ABSTRACT**

Bangladesh is an agricultural country. Farmers here are known as the backbone of this country's economy. Their hard work contributes a lot in our economic statistics. There is no one to realize their struggle. At a very cheap rate, they have to sell their products to third parties, where they don't get the fair price. Our project is for those farmers which will help them to get the fair price of their products. Without depending on any third party, they can sell their products to the real time buyers through this web tech where they can get a very high price for their products. This will help them to alleviate poverty. Our main moto for choosing this project is working or these farmers. This project will be useful for farmers, wholesale and retail buyers and admin. This project will help those farmers to connect to the buyers. And by this, they can reach their desired profit. If there is any need for transportation help, this project will also manage that. It will be very effective for both farmers and buyers. Recognition of the deficiency of the existing systems in our country, this project leads to the conspiring of digital system that will be responsive in any device, which is more user friendly and GUI based.

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# CHAPTER 1

## INTRODUCTION

### 1.1 Introduction

Bangladesh is an agriculture-based country. The development of our country depends on agriculture. Farmers work hard to produce crops. But they don't get proper price of their product. Third parties buy product from them at a cheap rate but sell them at a high price in the market. [1]

Farm Seller is an Agricultural E-Commerce android application. This app will help those farmers to connect to the buyers. And by this, they can reach their desired profit. If there is any need for transportation help, this app will also manage that. [2]

It is very easy to use with a user-friendly GUI to automate, arrange and handle all the procedures of managing, buying and selling products. This project is developed using HTML, CSS, Bootstrap and JavaScript for front end and JavaScript, PHP and Laravel framework for backend. This project is going to be a good relief to the customers and farmers.

### 1.2 Motivation

Bangladesh is an agricultural country. There are many problems in this field. Farmer produces crops but does not get fair prices because of third party. They buy product from farmer at a cheap rate but sell it at a high rate. So, the prices of our daily necessities are increasing day by day. With the advancement of science and technology, we have to make a solution to solve these problems. As this is a very user friendly web based application, anyone can use it easily. Farmers can sell their product in a very simple way through this application. In our project, we are using IOT concept to help farmer and general people. [3]

### **1.3 Objectives**

The main objective of our application is to help our farmers. Farmers can sell their goods by advertising. The aim of this application is to ensure that farmers get fair prices of their product. The features of our application are:

- To avoid third party
- Seller can add their product photo and price.
- People can buy their needed products from seller very easily.
- Online Registration & Payment
- Sell and buy product in fair prices. [4]

### **1.4: Expected Outcome**

In our Project, our main focus is to avoid third party and try to help a farmer to sell and get fair prices of their product and help people to buy their daily necessities at a cheap rate. The system will be able to work on any android smart phone and can be accessed anywhere via internet. The system also will be secured as it will protect the confidential and privacy of data effectively. It will be very easy to use. We will use both Bengali and English language so that everybody can easily understand.

- It is a web based application by which admin can easily monitor the whole system
- In this website farmers and customers can register and login and access the relative information that they need.
- Farmers can update their profile, customer also can update.
- Farmers can get their payment on time.
- Farmers will get the fair price.
- Buyers can order their needed products any time.
- People can get genuine products. [5]

## **1.5 Report Layout**

Initial pages are paginated independently from whatever remains of the content.

Our report style is given below:

In Chapter 2

Contain background details, related work, problem statement and challenges.

In Chapter 3

Contain project requirement Specification which we used in our project. Where also contain requirement collection and analysis, design requirements, use case, dfs diagram, relationship diagram and description.

In Chapter 4

Contain front-end design and back-end design.

In Chapter 5

Examine the whole project and tested all part of the project and the project work perfectly fine.

In Chapter 6

We discussed about conclusion, limitation and future work of our project. Last of all we add reference related to our work and ensure that the report is must be correct.

## CHAPTER 2

### BACKGROUND

#### 2.1 Introduction

Technology makes our life so fast and easy. We want everything in our touch. In online world our home become office, company, study lecture room, theaters etc. Our online base project is the part of its. Using this Web application project admin with no trouble control and manage whole process.

#### 2.2 Related Works

##### Fresh Vegetables (Chaldal):

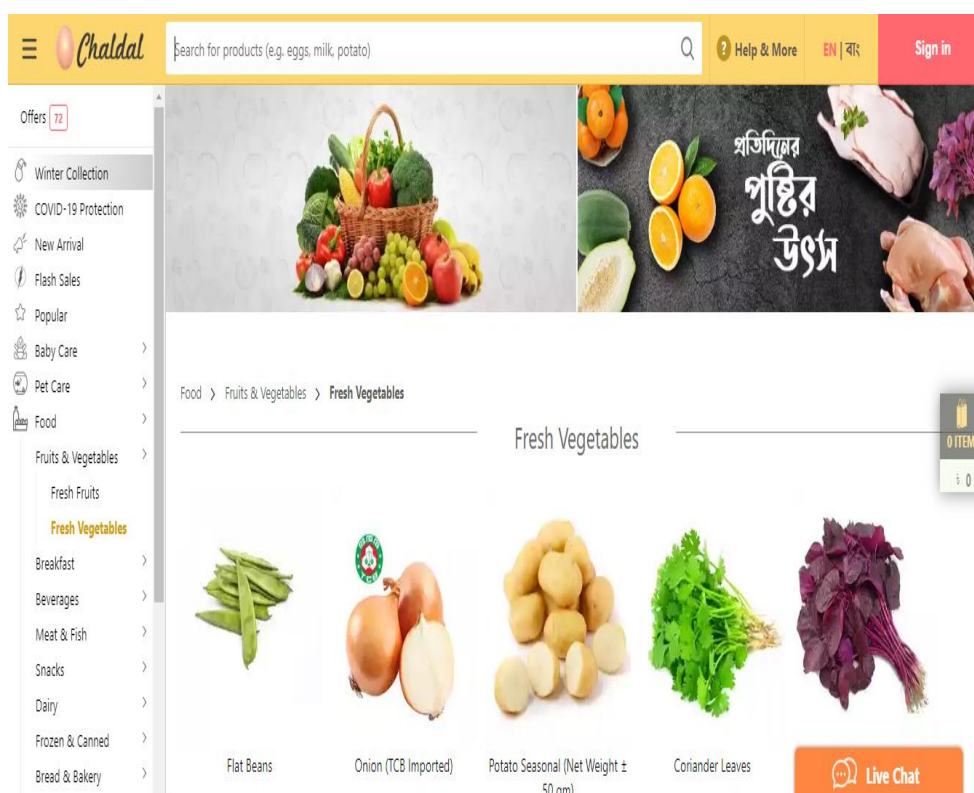


Figure 2.2.1: Fresh Vegetables (Chaldal)

This website gives you tools to buy different types of vegetables through online. User can add products into cart. They can also see the total amount after selecting their products. People can buy meat, fish, fruit also from this site. Customer can pay their bill through online. This site also has many necessary features.

### Shaksobji.com:

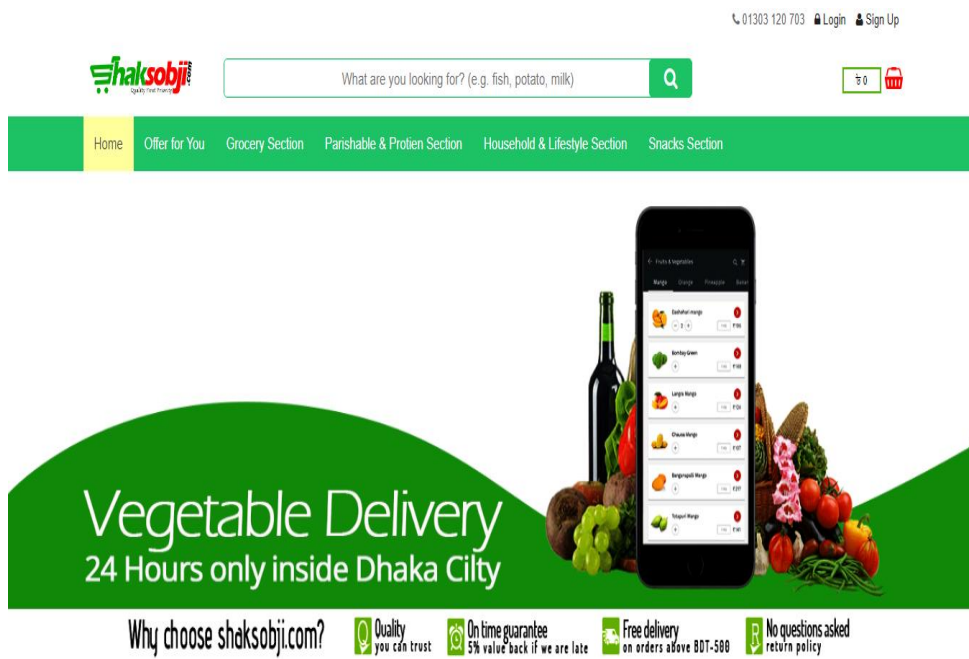


Figure 2.2.2: Shaksobji.com

This site also gives us the same facilities. People can choose their products by searching them from search engine option. They also provide us different types of spices. This site also give us online payment facility.

Basically, we didn't find any published website which can help farmers by giving them the fair price of their products. We were studying about this and we see many of the related works but none of them are interested to help farmers. In our country almost 90% farmers don't get fair prices for this reason. So our website is for those farmers.



### **2.3 Comparative Studies**

Farm Seller web application is impressive and fancy application for every customer and farmers who needs to look at their products selling and buying system anytime from any places. This application provides the all info a few online market would like. This net application fulfills all sort of needs that handled online selling system easily. This application is undergoing from volume- to value-based service, with a stress on quality. [6]

### **2.4 Challenges**

Without any powerful target no-one can reach the final destination. Our target is for fixed area using this smart and friendly application with data security. Hope it become so popular among them. It can reduce the time, service quality is too much good.

This challenge aspires to define user-centered technologies that can enhance users.

Performance by monitoring and analyzing activity at home.

- Work with Laravel framework.
- Email verification, notification system.
- Making the user friendly interface. [7]

## **CHAPTER 3**

### **REQUIREMENT SPECIFICATION**

#### **3.1 Requirement Collection and Analysis**

This web application is basically for android smart phone, laptop, desktop and other web browser user. For smooth work this application requires very simple configuration. It is very easy to use with a user-friendly GUI to automate, arrange and handle all the procedures of agricultural business.

##### **3.1.1 Minimum Hardware required:**

- Processor-i3
- Hard Disk-5GB
- Memory-1GB RAM

##### **3.1.2 Software required:**

- Visual Studio
- Android Studio
- XAMP

##### **3.1.3 Platform:**

- Windows XP
- Windows 7
- Android Mobile
- Other latest Platform

##### **3.1.4 Programming Language/ Tools:**

- HTML
- CSS

- JavaScript
- Bootstrap
- PHP
- Object Oriented PHP
- Laravel
- MySQL
- Android Studio
- Java

### **3.2 Features**

In the proposed system we have several features here. These are the main features

- Registration by E-mail address.
- Sign in with verified mail id and password.
- Update profile option.
- Product menu.
- Product delivery option.
- People can get membership facilities.
- Buyer can see the total amount of their selected products.
- Some available offers will be shown.
- Sign out.

### **3.3 System Modules**

There are two system modules in this project. These are-

1. Administrator Module
2. Buyer Module
3. Seller Module

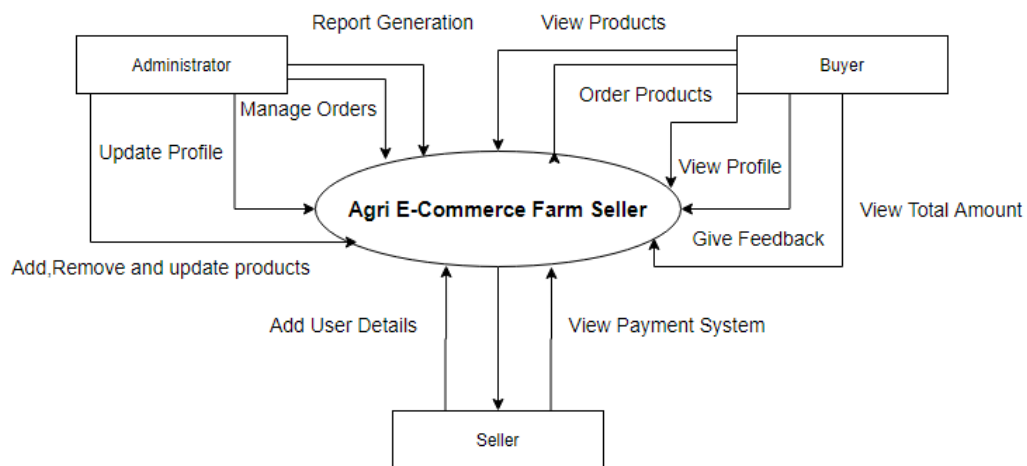


Figure 3.3: System Architecture.

### 3.3.1 Administrator Module:

This module consists of following functionalities:

- **Login:** Required valid email and password to login in our website, this page permits admins to login here as admin.
- **Profile:** After login user can access all information.
- **Profiles Updates:** Only Administration can change, edit both seller and buyer profiles
- **Read Visit Report:** Only admin can monitor visiting report.
- **Read Sales Report:** Only admin can see the selling report.
- **Read Orders Report:** Only admin can see the order details and total report.
- **Product Update:** Admin can update products, price, offer, brand, category and etc.

- **Customer Review:** Admin can monitor customer review and will take necessary steps. [8]

### 3.3.2 Buyer Module

This module will contain the following functionalities:

- **Login and Register:** Required valid email and password to login in our website, this page permits users to register here as buyer.
- **Profile:** Buyers can view and update their profile to make any changes. They can also change their password which requires old password.
- **Features:** In this section user can view the products or items they can choose for buying their products.
- **Offers:** We offer buyers to buy products and get that delivered, book trucks for wholesale delivery and an opportunity to be a member.
- **Shopping:** Buyers can add their products in carts, what number or quantity of product they want to buy.
- **Payment:** Buyers can make payment by online payment system or hand to hand
- **Review:** Buyer can share their thought and also they can report. [8]

### 3.3.3 Seller Module

This module will contain the following functionalities:

- **Login and Register:** Required valid email and password to login in our website, this page permits users to register here as seller.
- **Profile:** Sellers can view and update their profile to make any changes. They can also change their password which requires old password.
- **Features:** In this section sellers can view the products or items they can choose for selling. [8]

**3.4 Data Flow Diagram (DFD)**

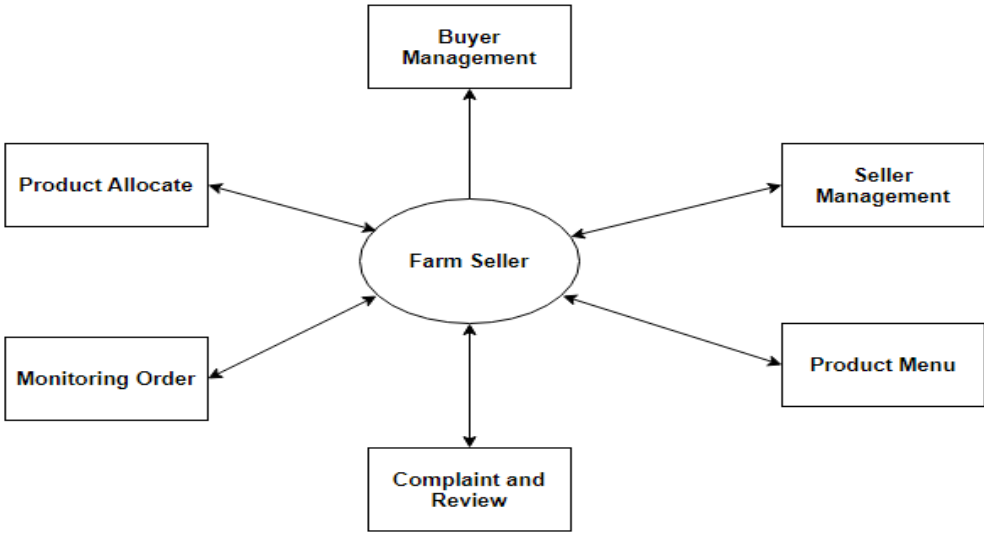


Figure 3.4: DFD Diagram of Farm Seller

### 3.5 Use Case Diagram of Farm Seller

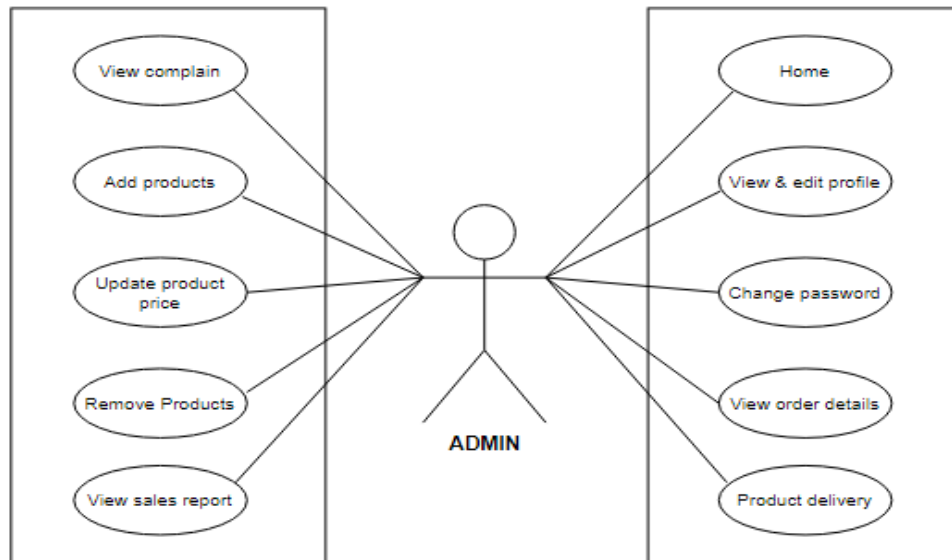


Figure 3.5.1: Admin Use Case Diagram

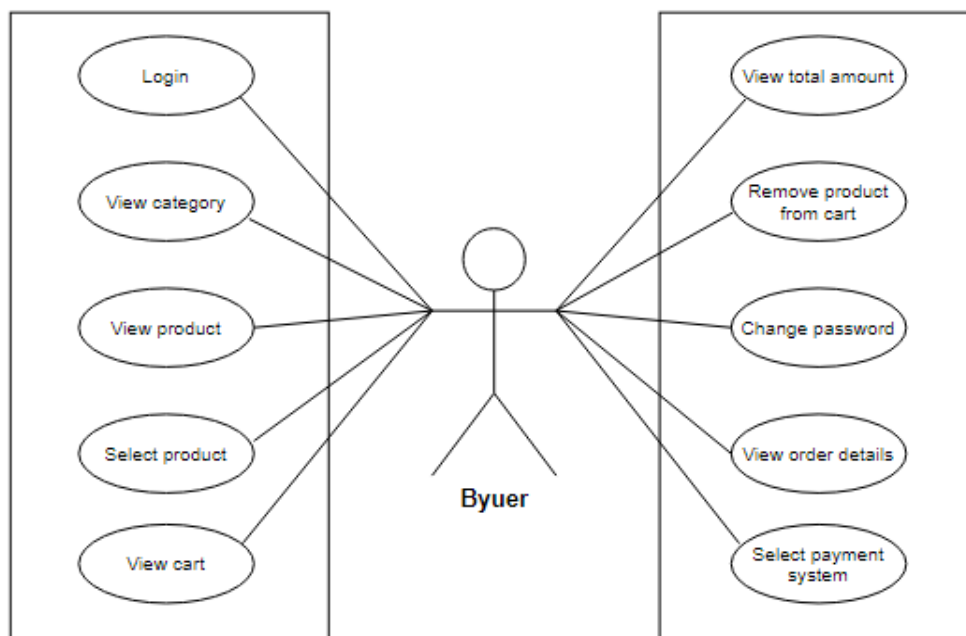


Figure 3.5.2: Buyer Use Case Diagram

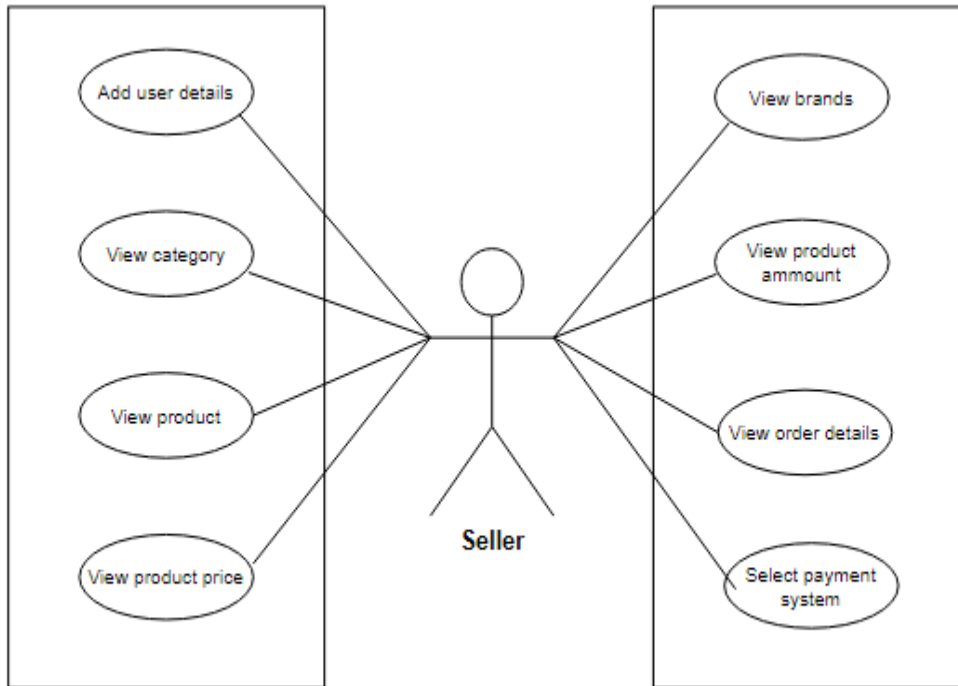


Figure 3.5.3: Seller Use Case Diagram

### 3.6 Use Case Description

#### Administration:

Admin Can control the full system even deleted the web site if need.

Table 3.6.1: Use Case description for Login

Use Case	Login
Scenario	Admin/Buyer: Need registered first in this website.  Admin: Owner of the Website can login without registration.
Primary Actor	Admin/Buyers
Secondary Actor	Seller
Pre-Condition	Need registered buyer, seller



Post-Condition	Log in home page Edit profile
----------------	----------------------------------

Table 3.6.2: Use Case description for Product Menu

Use Case	Product Menu
Scenario	User can see the available products. They can also read product details and product price.
Primary Actor	Buyer/Seller and Admin
Secondary Actor	Null
Pre-Condition	Login successfully by valid email and password.
Post-Condition	View the product menu.

Table 3.6.3: Use Case description for Payment

Use Case	Payment
Scenario	Payment will be shown after selecting products. Buyers and Sellers only can see it. They can't edit.
Primary Actor	Buyer/Seller
Secondary Actor	Null
Pre -Condition	Login web page successfully
Post-Condition	View amount

Table 3.6.4: Use Case description for Report/Complain

Use Case	Report/Complain
Scenario	Seller/Buyer can complain their problem to admin. Admin can review the problem and take necessary steps.
Primary Actor	Seller/Buyer and Admin.
Secondary Actor	Null
Pre-Condition	Login web page
Post-Condition	Seller/Buyer can complain and admin can take action.

Table 3.6.5: Use Case Description for Leaving The Roll

Use Case	Leaving the roll
Scenario	<p><b>Users details info:</b></p> <ul style="list-style-type: none"> <li>➤ Seller/Delivery Man can request to leave the site and resign from the roll.</li> <li>➤ Admins will have the power to approve their request then they can take their leave.</li> </ul>
Primary Actors	Seller and Admin
Secondary Actors	Null

Pre-Condition	Need detail info / reason
Post-Condition	Request Approve

Table 3.6.6: Use Case Description for Product Selection

Use Case	Product
Scenario	Function of product add, deleted or change.
Primary Actors	Buyer
Secondary Actors	Null
Pre-Condition	Buyer login
Post-Condition	View products

## CHAPTER 4

### DESIGN SPECIFICATION

#### 4.1 Front-end or UI Design

User Interface is the front-end design of a website application by which user can interact with the server of the application. The front-end design makes an application more attractive to the users. This design is the development of the application for users. It should be attractive and users should not feel uneasy or annoyed in time of using the application.

##### 4.1.1 Starting Page

Here is the starting page of the website. This design is different for admin and customer to identify the website.

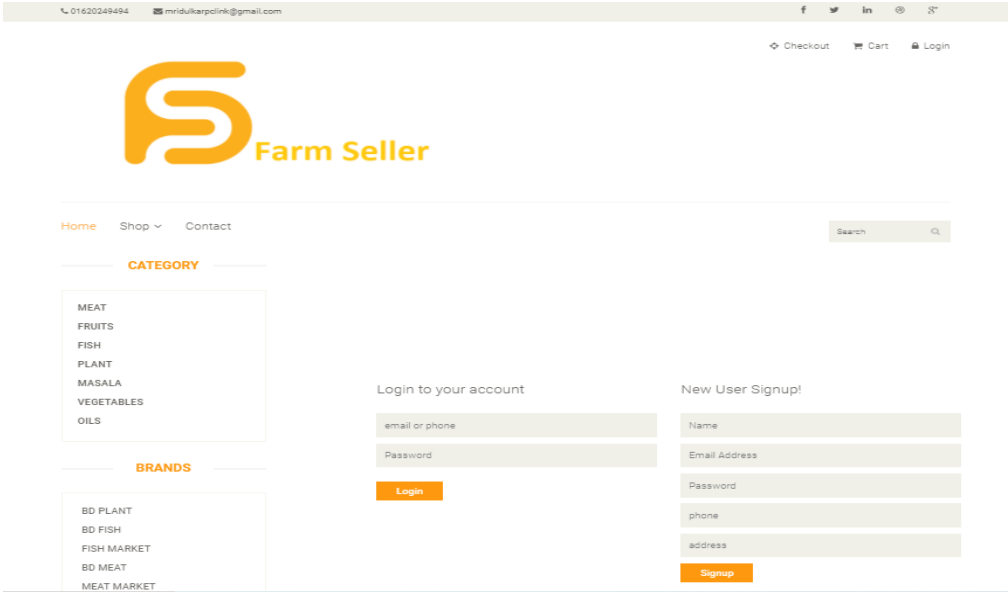
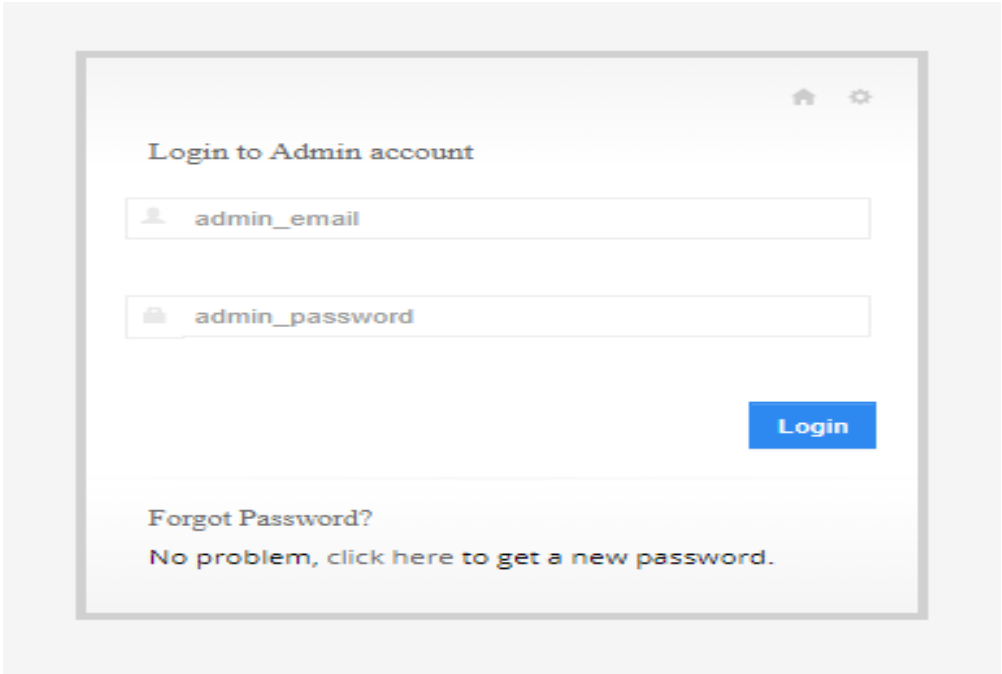


Figure 4.1.1: starting and login Page of Admin/Customer.

### 4.1.2 Dashboard after login for admin

Here is the dashboard design for admin.



Figure 4.1.2: Dashboard for admin.

### 4.1.3 Category page for admin

Here admin can see all categories.

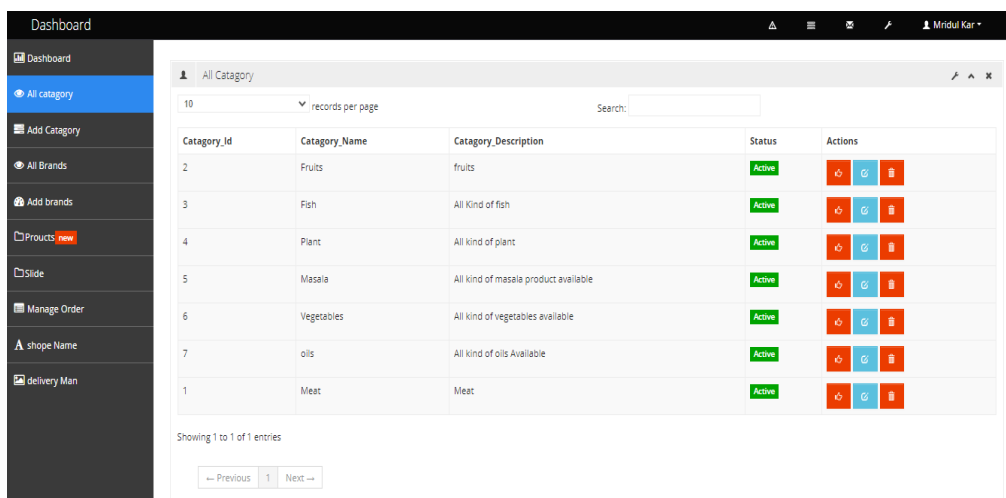


Figure 4.1.3: All category

#### 4.1.4 Category update page for admin

Admin can update all categories in here

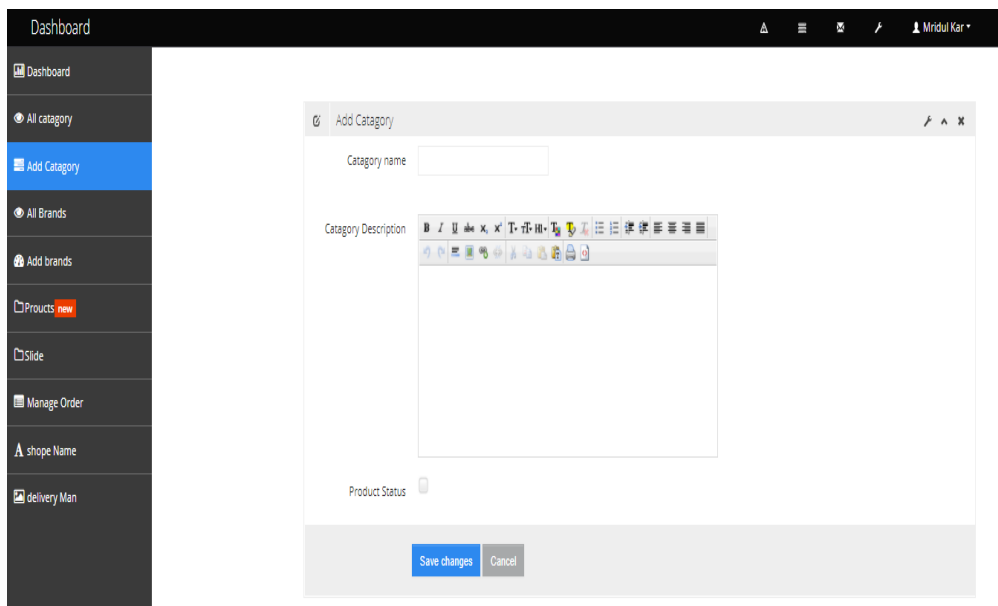


Figure 4.1.4: Category update for admin

#### 4.1.5 View brand

People can see all brands in here

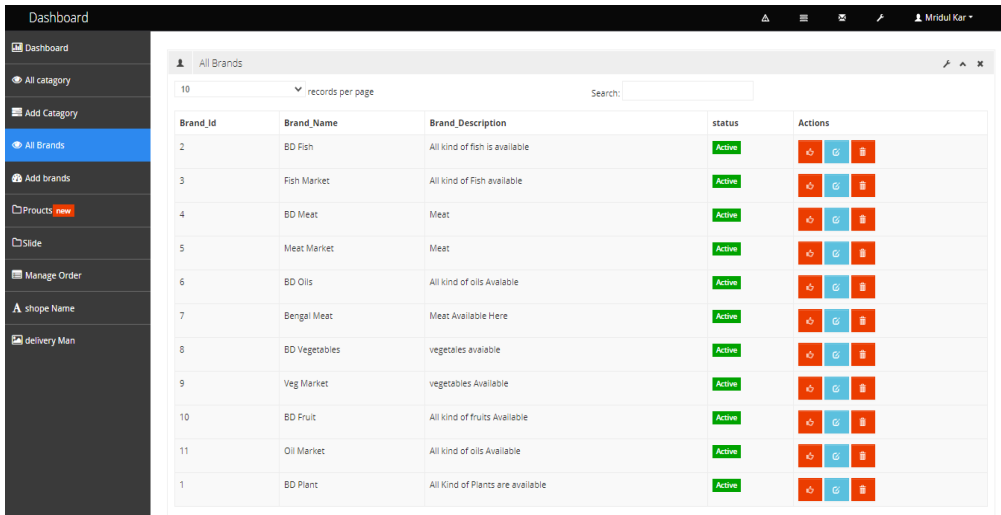


Figure 4.1.5: View brand

#### 4.1.6 Brand update page for admin

Admin can update different types of brands here

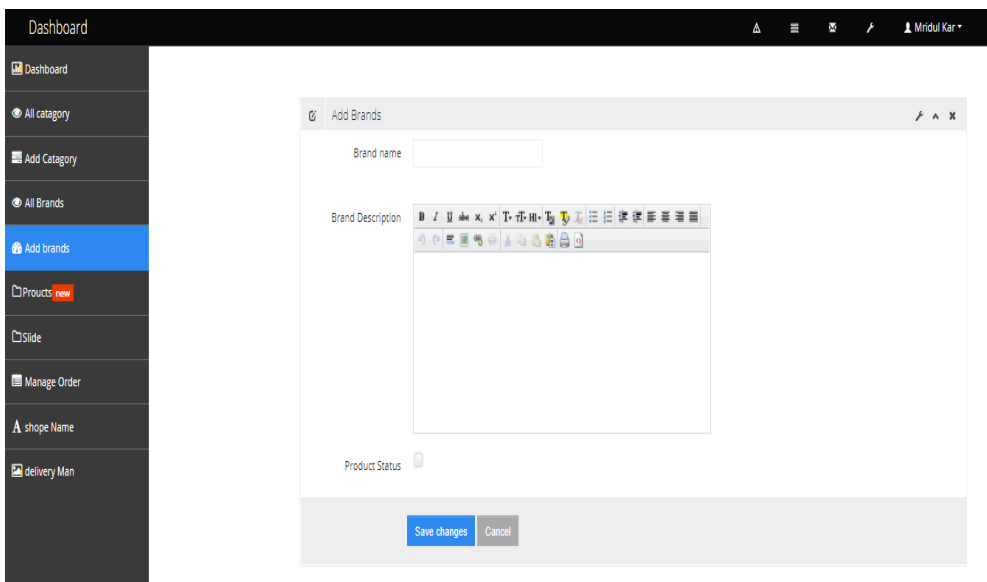


Figure 4.1.6: Brand update for admin.

#### 4.1.7 View products

People can view all products here

Product Id	Product Image	Product Name	Product Price	Category Name	Brand Name	Status	Actions
2		Meat	500	Meat	Bengal Meat	Active	
3		Meat	600	Meat	Meat Market	Active	
4		Oils	2000	oils	Oil Market	Active	
5		Fish	80000	Fish	BD Fish	Active	
6		Fruit	3500	Fruits	BD Meat	Active	
7		Plant	20000	Plant	Fish Market	Active	
8		Fruit	3000	Fruits	BD Meat	Active	
9		Vegetables	55000	Vegetables	Veg Market	Active	
10		Fruit	3000	Fruits	BD Meat	Active	

Figure 4.1.7: View products.

#### 4.1.8 Product update page for admin

Admin can update any products anytime

**Add Product**

product name

product category

product Brand

product Price

Image

Product Status

Figure 4.1.8: Product update for admin.

#### 4.1.9 Order managing for admin



Admin will manage all order from here

























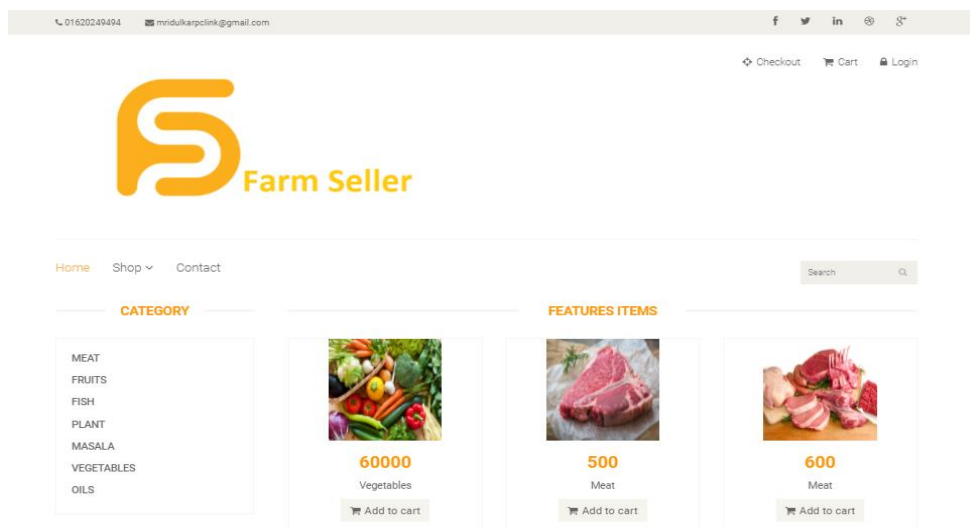
order_id	Customer_Name	Order Total	Status	Actions
13	Monir Hossain	500	pending	 
14	Monir Hossain	500	pending	 
15	Monir Hossain	60000	pending	 
16	Monir Hossain	60000	pending	 
17	Monir Hossain	500	pending	 
18	Monir Hossain	500	pending	 
19	Monir Hossain	500	pending	 
20	Monir Hossain	1000	pending	 
21	Monir Hossain	241000	pending	 
22	Monir Hossain	241000	pending	 
23	Monir Hossain	241000	pending	 
24	Monir Hossain	241000	pending	 

Figure 4.1.9: Manage order for admin.


#### 4.1.10 Home page

Here is the home page for customer.




### PRICE RANGE


0 TK
50000 TK




MILK
SWEETS
HONEY
SUGAR
OTHERS




**560 TK**  
Buy Now



**560 TK**  
Buy Now




**560 TK**  
Buy Now




**560 TK**  
Buy Now


### RECOMMENDED ITEMS



**560 TK**  
Buy Now



**560 TK**  
Buy Now




**560 TK**  
Buy Now

### BRANDS


- BD PLANT
- BD FISH
- FISH MARKET
- BD MEAT
- MEAT MARKET
- BD OILS
- BENGAL MEAT
- BD VEGETABLES
- VEG MARKET
- BD FRUIT
- OIL MARKET

### PRICE RANGE


0 TK
50000 TK




MILK
SWEETS
HONEY
SUGAR
OTHERS




**560 TK**  
Buy Now



**560 TK**  
Buy Now




**560 TK**  
Buy Now



**560 TK**  
Buy Now


### BRANDS

- BD Vegetables [View Product](#)
- Bengal Meat [View Product](#)
- Meat Market [View Product](#)




**2000**  
Oils  
[Add to cart](#)

Oil Market [View Product](#)



**80000**  
Fish  
[Add to cart](#)

BD Fish [View Product](#)




**3500**  
Fruit  
[Add to cart](#)

BD Meat [View Product](#)

### PRICE RANGE

0 TK
50000 TK



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23

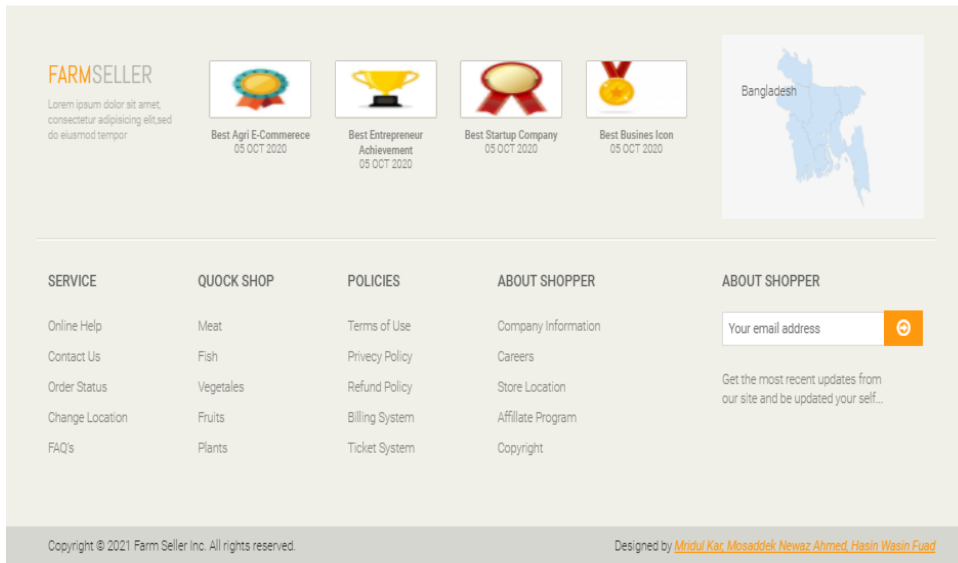


Figure 4.1.10: Home page for customer.

#### 4.1.11 Adding product to cart

This is designed for customer. Customer can add their selected products to the cart.

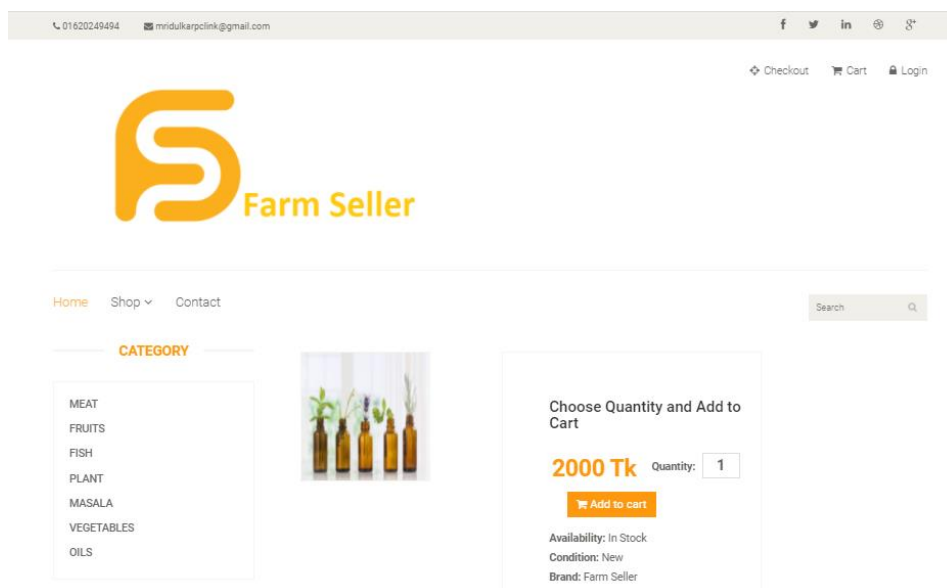


Figure 4.1.11: Adding product to the cart for customer.

#### 4.1.12 Cart checkout

Customer can see here the total amount of their selected products. They can remove item from this page.

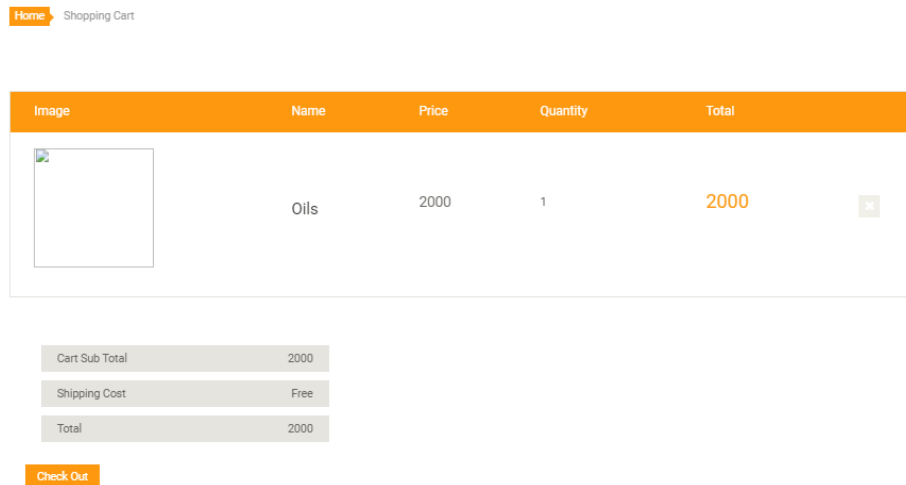


Figure 4.1.12: Checkout product page for customer.

#### 4.1.13 Billing form for customer

Here customer need to fill up a form for billing system.

Home Check out

Please Fill up the form

Bill To

Email

Name

Address

phone



city

submit

Figure 4.1.13: Billing form for customer.

### 4.1.14 Payment

Here customer can choose payment system.

Image	Name	Price	Quantity	Total	
	Oils	2000	1	2000	

**Total 2000**

**What would you like to do next?**  
Choose if you have a discount code or reward points you want to use or would like to estimate your delivery cost.

[Home](#) Payment method

**Select Your Payment**

hand\_cash  
 bkash


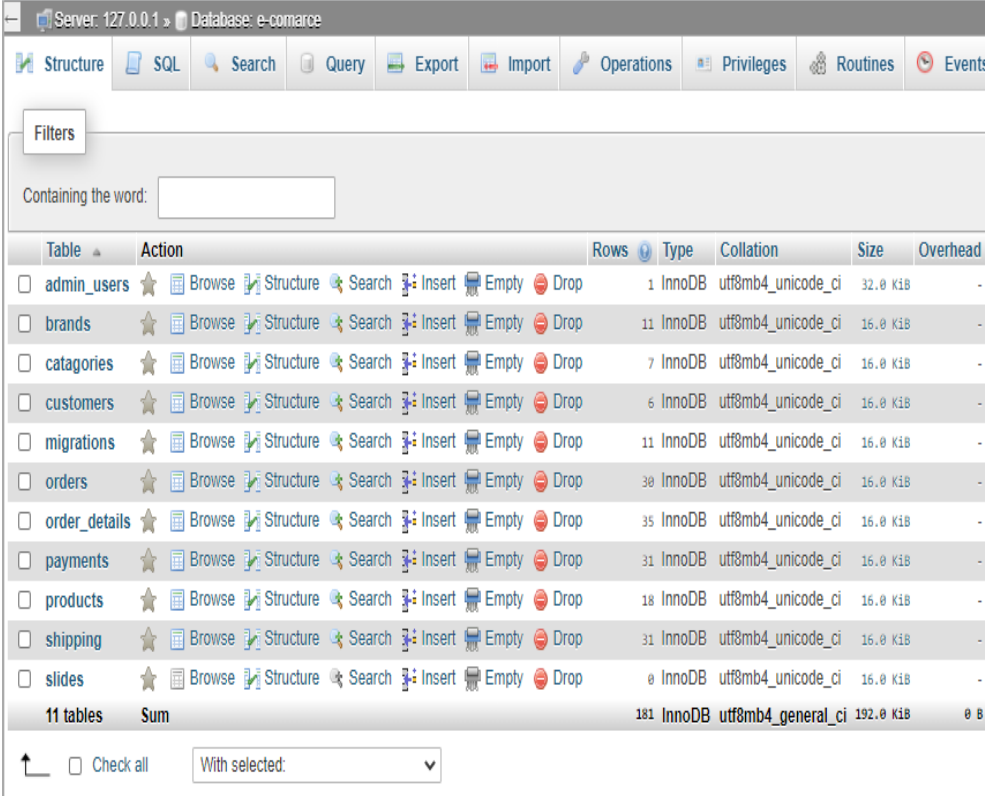


Figure 4.1.14: Payment system for customer.

## 4.2 Back-end Design

The back-end design of an application is generally the design of database. The database is related to the connectivity between the user and the server. In our project the back-end design is design of MySQL. We used MySQL as our database server.



The screenshot shows the MySQL Workbench interface for a database named 'e-commerce' on a server at 127.0.0.1. The top menu bar includes Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, and Events. Below the menu is a 'Filters' section with a search box labeled 'Containing the word:'. The main area displays a table of database tables with columns for Table, Action, Rows, Type, Collation, Size, and Overhead. The tables listed are: admin\_users (1 row), brands (11 rows), catagories (7 rows), customers (6 rows), migrations (11 rows), orders (30 rows), order\_details (35 rows), payments (31 rows), products (18 rows), shipping (31 rows), and slides (0 rows). A summary row at the bottom indicates 11 tables with a total of 181 rows. At the bottom left, there is a 'Check all' checkbox and a 'With selected:' dropdown menu.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin_users	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	32.0 K1B	-
<input type="checkbox"/> brands	★ Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> catagories	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> customers	★ Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> migrations	★ Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> orders	★ Browse Structure Search Insert Empty Drop	30	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> order_details	★ Browse Structure Search Insert Empty Drop	35	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> payments	★ Browse Structure Search Insert Empty Drop	31	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> products	★ Browse Structure Search Insert Empty Drop	18	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> shipping	★ Browse Structure Search Insert Empty Drop	31	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
<input type="checkbox"/> slides	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 K1B	-
11 tables	Sum	181	InnoDB	utf8mb4_general_ci	192.0 K1B	0 B

Figure 4.2: Back-end Design

## **CHAPTER 5**

### **IMPLEMENTATION AND TESTING**

#### **5.1 System Implementation**

Implementation is that the stage within the project wherever the theoretical style is become an operating system and is giving confidence on the new system for the users that it'll work with efficiency and effectively. It involves careful coming up with, investigation of this system and its constraints on implementation, style of ways to realize the modification over, associate analysis of modification over ways. Except coming up with major task of getting ready the implementation square measure education and coaching of users. The implementation method begins with getting ready an inspiration for the implementation of the system. In line with this set up, the activities square measure to be meted out, discussions created concerning the instrumentality and resources and also the further instrumentality should be non-inheritable to implement the new system. In network backup system no further resources square measure required. Implementation is that the final and also the most vital part. The foremost essential stage in achieving a productive new system is giving the users confidence that the new system can work and be effective. The system is often enforced solely once thorough testing is completed and if it's found to be operating in line with the specification. This technique conjointly offers the best security since the recent system will take over if the errors square measure found or inability to handle sure kind of transactions whereas mistreatment the new system.

As the part of system testing we have a tendency to execute the program with the intent of finding errors and missing operations and conjointly an entire verification to work out whether or not the objectives square measure met and also the user needs square measure glad. The final word aim is quality assurance. Tests square measure meted out and also the results square measure compared with the expected document. Within the case of inaccurate results, debugging is completed. Mistreatment elaborate checking methods a test set

up is meted out on every module. The varied tests performed square measure unit testing, integration testing and user acceptance testing.

## **5.2 Requirements for Implementation**

For the implementation of our project we need some basic requirements. We cannot run our application as we want to run for achieving our goal. Process will start after fill those requirements which we mentioned below:

- At first we need to buy a domain for our agri e-commerce farm seller website.
- Users must be connected to the internet to access our system.
- To gain access to the E-registration system, the user would need a personal computer, a username and a valid password.
- A person will play the role of an admin who will operate the whole system.
- An emergency power supply should be provided to avoid any kind of interruption during the data entry procedure.

## **5.3 Testing Implementation**

This is the procedure that can consider as in where an application tester or it can be the author of that application will be able to check many cases for the finishing of the application and specification. But maybe there have the limitation in the application at the initial stage or in next.



Table 5.3.1: Test Case Implementation

<b>Test case</b>	<b>Test input</b>	<b>Expected outcome</b>	<b>Obtained outcome</b>	<b>Passed/Failed</b>	<b>Testing Period</b>
<b>Registration</b>	Registered by valid info	Successfully registered	Successfully registered	Passed	15-11-2020
<b>Registration</b>	Registered by invalid mobile number	Re-enter warning for failure	Registered denied	Passed	15-11-2020
<b>Registration</b>	Registration with empty field	Re-enter warning for failure	Registration denied	Passed	16-11-2020
<b>Update Product (Add)</b>	add any item	Successfully updated	Successfully updated	Passed	16-11-2020
<b>Update Product (Remove)</b>	remove any item	Successfully updated	Successfully updated	Passed	16-11-2020
<b>Add to Cart</b>	Select product from list	Successfully added	Successfully added	Passed	17-11-2020
<b>Remove from cart</b>	Remove product from cart	Successfully removed	Successfully removed	Passed	17-11-2020
<b>Payment</b>	Select payment option	Successfully selected	Successfully selected	Passed	18-11-2020

## CHAPTER 6

### CONCLUSION AND FUTURE SCOPE

#### 6.1 Discussion and Conclusion

To conclude the outline concerning the project. The project, developed exploitation HTML, CSS, PHP and Laravel framework and MySQL server relies on the need specification of the user and therefore the analysis of the prevailing system, with flexibility for future sweetening. Agri e-commerce farm seller is extremely helpful for people who can buy fresh product without any problem and for those farmers who should get fair values for their products. This online shopping and online selling website is intended for people that need to shop varied products within home. There is no published website who can think about our farmers. The numbers of website sell their product through online but they don't give fair price to the farmers. Thereby farmers can't increase their lifestyle. In our country farmer are working so hard from the beginning but they don't get their actual work value. We concerned for those farmers, so we implement our website for those farmers to help them in a different way. In our Project, our main focus is to avoid third party and try to help a farmer to sell and get fair prices of their product and help people to buy their daily necessities at a cheap rate. The system will be able to work on any android smart phone and can be accessed anywhere via internet. The system also will be secured as it will protect the confidential and privacy of data effectively. It will be very easy to use. We will use both Bengali and English language in future so that everybody can easily understand.

Identification of the drawbacks of the prevailing system ends up in the coming up with of processed system which will be compatible to the prevailing system with the system that is a lot of user friendly and a lot of GUI orientated.

## **6.2 Future work and Further Development**

We have plans to add more facilities to this application. This system has a lot of future scope to make it more users friendly. Firstly, we will make web based application for all web application users. Now, this application is working for only web application user. In future development, our application will be work in Artificial intelligence. We will establish our website in both Bengali and English language. So anybody can understand anything in our website easily. In future we will designed our website fully automated. And also there will be shown more upgraded which will be very attractable for users.

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