

WEB-BASED ONLINE AGRICULTURAL MANAGEMENT SYSTEM

BY

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This Report Presented in Partial achievement of the conditions for the
Degree of Bachelor of Science in Computer Science and Engineering

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DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

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APPROVAL

This Project name “**Web-Based Online Agricultural Management System**”, was submitted by Khaleda Yasmin Akhi and Md. Mustafiz Sakin to the Department of Computer Science and Engineering, Daffodil International University, has been taken as satisfactory for the partial accomplishment of the condition 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 26-01-2023.

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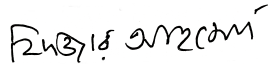
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DECLARATION

We hereby declare that this project has been done by us under the superintendence of **Dr. Fizar Ahmed, Associate Professor, Department of CSE** Daffodil International University. We also announce that neither this project nor any section of this project has been submitted elsewhere for the award of any degree or certificate.

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Finally, we must admit with due respect to the constant support and patience of our parents.

ABSTRACT

Bangladesh is an agricultural-based country. This project is to help farmers and other users related to agriculture/agricultural work. In most cases, farmers in our country don't get enough help regarding their problem, and they have to sell their products cheaply despite the rate being selected by the govt rate. Our web application project has two types of users: User & Administrator. For front-end Database, SQLite, HTML, CSS, Bootstrap, Javascript, Python, and D-Jango framework for back-end work has been used. In terms of limitations, there is some scope for maintaining a statistical record of the production through the country which solutions can be provided to us as a future development and this is slightly incomplete. This project would be a relief for both the farmers and the admin because it provides services like one stop service.

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CHAPTER ONE

INTRODUCTION

1.1 Introduction

The web-based online agriculture management application is a digital platform that permits farmers and agricultural professionals to manage and operate their businesses online. With a web-based system, users may access a variety of tools and information from any internet-connected device, making it convenient and user-friendly. The system can assist users in monitoring and managing their farm activities, including financial management, record keeping, and monitoring of field conditions and crop growth. Farmers and agribusinesses can improve efficiency, productivity, and profitability by utilizing a web-based online agriculture management system. This website is meant to assist, guide, and support farmers and other agricultural or agricultural sector professionals. The bulk of the time, our nation's farmers face hurdles related to agricultural harvestings, such as fertilizer, seed, equipment, etc., as well as transporting agricultural products. This project is to assist farmers in meeting all of their demands, as well as other personnel in the procurement and selling of agricultural products. In addition, farmers will be allowed to sell their produce at a price specified by the government, and the whole agricultural record will be maintained if needed. There are several websites created by businesses that facilitate web-based commercial transactions. It may be argued that online shopping is becoming increasingly popular, but in terms of agricultural products, there are too many websites that allow farmers and buyers/other users to sell and purchase goods.

1.2 Motivation

A web-based online agriculture management system is designed to give farmers and agribusinesses an efficient and simple means of managing and operating their enterprises. It can also reduce the time and effort of farmers and other users. The admin would be able to control every action if they would need it.

1.3 Objectives

- Determine the viability of present agricultural systems in specific regions.
- Provide farmers and agribusinesses with a user-friendly and convenient internet platform for managing and operating their companies.
- Utilize digital technologies for providing tools and managing business in one place to save effort, time and money.
- Assist farmers and agribusinesses in connecting with clients and marketing their products more efficiently

1.4 Expected Outcome

- Because this program is web-based, users can access it anytime.
- This application can save valuable time, effort, and cost and also help farmer.
- Products can be bought and sold from home
- Increased efficiency, productivity, and profitability.
- Not to be concerned about duplicate things or prices.
- Users of mobile devices can also quickly access the application as it is web-based.
- Support the users related to agri business and agriculture.

1.5 Report Layouts

The project report has been categorized into 7 different parts. The title page, Approval page, Abstract, Acknowledgements, List of tables, List of contents, etc. are original pages. Chapter descriptions are as followed. These are:-

CHAPTER ONE:INTRODUCTION

This section primarily described the project's substance. In this chapter, the motivation, expected outcome, and objective are described.

CHAPTER TWO: BACKGROUND

In this branch discusses relevant composition and its scope. Described the project's obstacles in farther depth.

CHAPTER THREE: REQUIREMENTS AND SPECIFICATIONS

Discuss the project's requirements in this chapter. Flowchart diagram, Business process model, use-case diagram, and requisite gathering are explained.

CHAPTER FOUR: DESIGN SPECIFICATIONS

Here we discuss about the system's front-End and back-End design

CHAPTER FIVE: IMPLEMENTATION AND TESTING

In this branch, the results and report of database implementation and testing are discussed.

CHAPTER SIX: IMPACT ON SOCIETY, ENVIRONMENT, AND SUSTAINABILITY

Impacts on the society and environment were examined inside this chapter. The sustainability of the project has also been considered.

CHAPTER SEVEN: CONCLUSION AND FUTURE SCOPES

This part of the paper discusses the upcoming development of this web-based design and the ending of this endeavor.

CHAPTER TWO

BACKGROUND

2.1 Terminologies

Web-based online agriculture management systems are digital platforms that enable farmers and agribusinesses to manage and operate their operations online. The origins of these systems may be traced back to the first days of the internet and the growing trend towards digitalization in numerous industries.

2.2 Related Work

Numerous web-based applications, such as Agri360, Horse Report System, and Aegro, among others, require a substantial amount of space for installation. Customers can conveniently shop online. There are applications such as **Bikroy.com, Agri360, Horse Report System, and Aegro**, among others. Our software is not much different from those portals. Our system is the answer to farmers and buyers being harassed. Since this is a problem, we set out to create a tool to fix it.

The two halves of this application are as follows:-

- ❖ Admin
- ❖ User

Managerial Level: The admin has full control over this web-based program.. Build, Remove, Replace, Modify, etc. only the administrator can access the database and store data or information.

User/Customer Level: Users may quickly log in, see products, and promote products for sale. They can also order products of their choosing. Also see regulations and rules. Users cannot read, create, update, delete, etc. all properties in this application.

2.3 Comparative Analysis

By comparing web-based online agricultural management systems with our system our system is much more convenient having features like Ease of use, Functionality, Integration, Customer support, Cost etc.

2.4 Scope Of The Problem

Earth changes happening quick. This system satisfies the requirement that customers and administrators can readily communicate. Customers and administration will endure much. This solution satisfies the need for quick and straightforward product searches and selections. This program runs well on computers and mobile devices.

- Lack of infrastructure and resources: Farmers and agribusinesses may not have dependable internet connectivity or laptops or cellphones to properly use web-based online agriculture management systems.
- Digital divide: Some farmers may gain from web-based online agriculture management tools, while others may not.
- Training and assistance: Web-based online agriculture management systems may require training and support for those unfamiliar with digital technologies.
- Integration with current systems: Web-based online agricultural management systems may need to be integrated with other farm or agribusiness systems, which can be complicated and time-consuming.
- Data security and privacy: Web-based farm management systems store and send data

2.5 Challenges

Everything has challenges. We also have faced challenges while developing the project. In this system, we've endeavored to match user needs with user satisfaction. It is quite difficult for us to complete this job, and it will take a lot of effort to overcome this difficulty. Even though our software is straightforward, it will be di tough for making this work. Attracting

the users with an amazing UI is another big challenge. Besides, challenge to resolve quality, improve service, and increase service speed are also countable. Some are:-

- Resistance to change
- Access to infrastructure and resources
- Minimum Time Complexity resolved
- Efficacy of Work
- Get rid of manual entry

CHAPTER THREE

REQUIREMENTS AND SPECIFICATION

3.1 Business Processes Modeling And Notation

Methodology for developing web-based agribusiness management system would include the stages and activities associated with managing and operating a farm or agribusiness using the system. This may consist of:

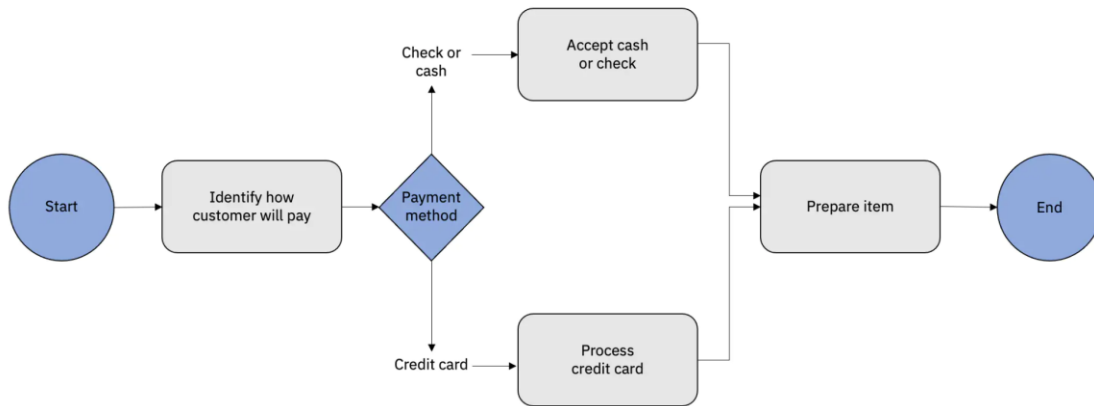


Figure 3. 1: Business Process Model and Notation

3.2 Requirements Collection And Analysis

In this operation, a precise hardware and software combination are required. This application is nearly compatible with all configurations.

Required Hardware Configuration:

- x86 64-bit CPU (Intel / AMD configuration)
- 4 GB RAM
- 5 GB free fragment space

Required Software Configuration

- Running System: Windows 7 or 10
- Mac OS X 10.11 or advanced, 64-bit
- Linux: RHEL 6/7, 64-bit (nearly all libraries also work in Ubuntu)
- Tools: Pycharm, VSCode, and also Web Browser
- Database: SQLite 3
- Framework: Django 3.0
- RunServer: Local host

3.3 Use-Case Modeling

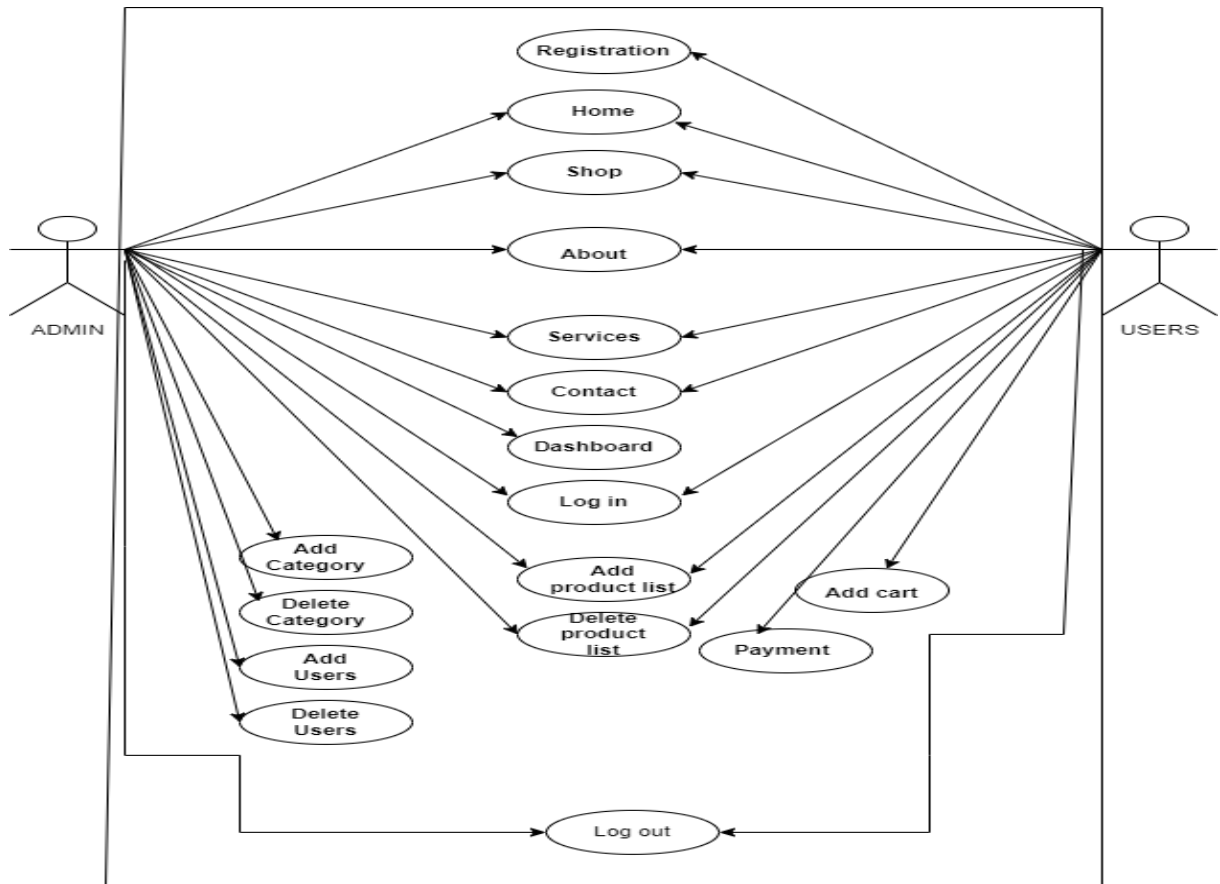


Figure 3. 2: Use-case diagrams

Actor: Users

Working Steps

- a) When a user logs into a system, the user case begins.
- b) Users can register, login, see Home, Delete Product, Add Product, About, See Services, Contact , Direct communication with the buyer or seller.

i) Sign-Up

Users are able to register by signing up for the system.

Actor: User

Work procedures:

a) The user case for a correctly registered user begins when the user is successfully registered.

ii) Login

Login Summary: Users and Admin can both log in. Only Admin can log in, but anyone who has registered can do so..

Actor: Admin, User

Workflow Steps

- a) Users and Admin log into the applications and access their dashboard.
- b) System Administrators and users can examine a user's profile after logging in.

iii) Home, About, Services, Contact

Concise Summary: Without logging in or registering, Admin and all users can browse the system's Home, services, About, and Contact pages.

iv) Add /Delete Product

Short Description: Users directly add or delete the product's information.

Actor: Admin, User

Working Phases

- a) After sign-in, the system use case begins to operate.
- b) Administrators can view users adding products and approve the additions.

v) Question and Answer

Short description : In this system , if a user has any doubt or queries about the system management then they can inform through comments. Then the admin looks at the queries and tries to answer them .

vi) Subscription

Short description: To know about the new products update of this system users can keep their subscription through email so that the update information goes to the users through email.

Actor : Admin, Users

vii) Logout

Short description: After using the system user and admin can log out of the system if they want. Once the user and admin log out of the system, no one can log in without their username or password

3. 4: Logical Data Model

3. 4. 1 Entity Relationship

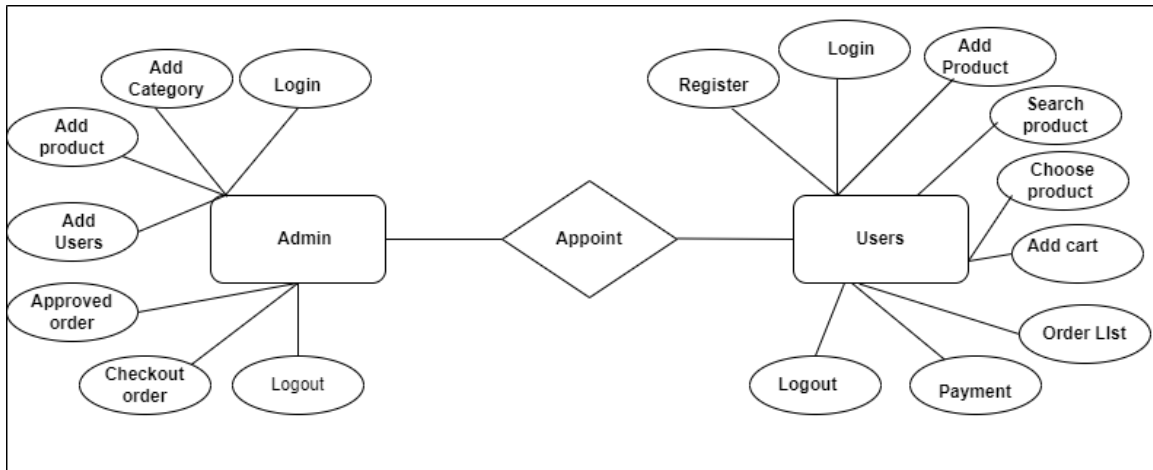


Figure 3. 3: Entity Relationship

3.4.2 Flowchart

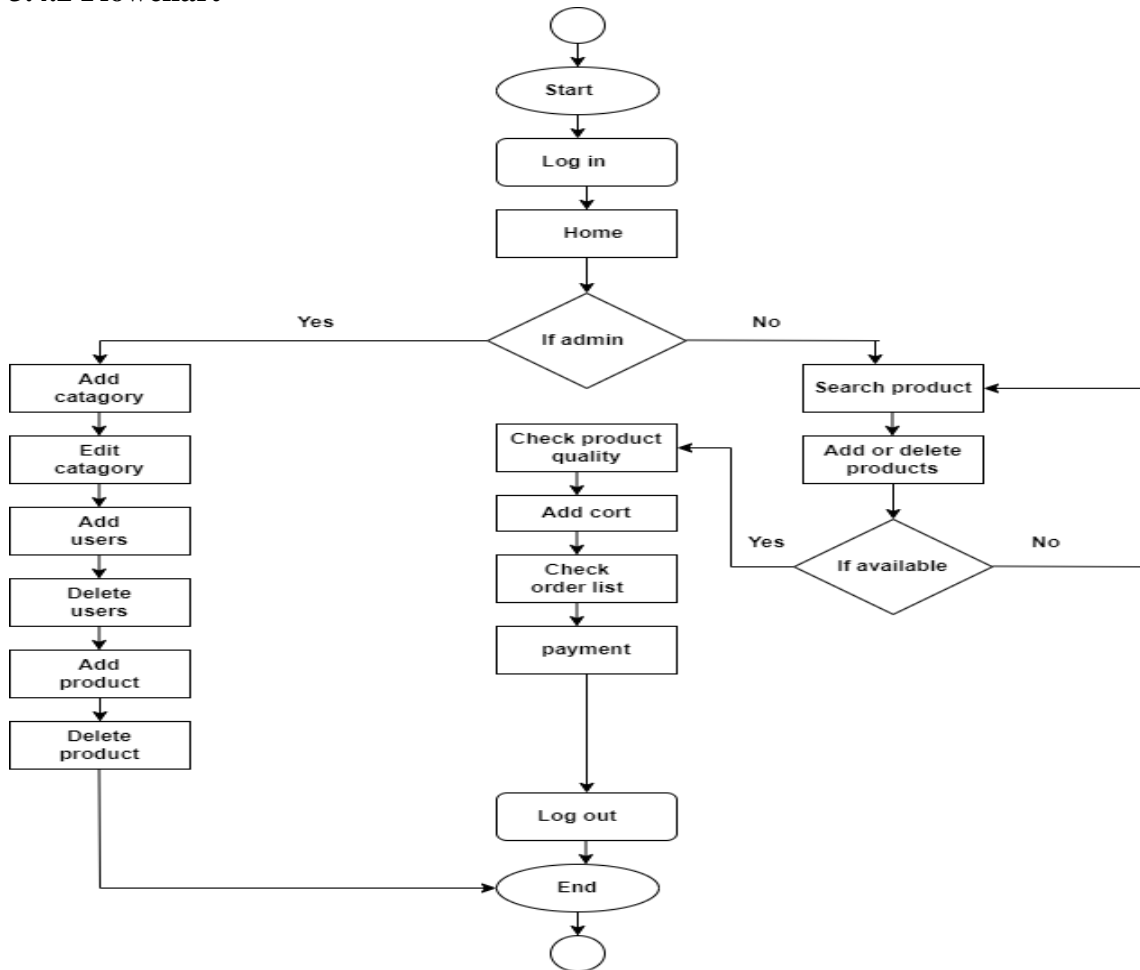


Figure 3 4.:Flowchart

3.5 Design Requirement

- Signing In and Registering
- Admin panel
- Customer/user interface
- Admin's control panel, Product Listing

3.5.1 Features

These capabilities are added to this application. The primary characteristics are:

- Homepage
- Account
- Search
- User Control
- Super Admin

CHAPTER FOUR

DESIGN SPECIFICATION

This is mainly just a model of how our system will work.. To round out our system, we also detail its implementation and the products and technology it uses. Here, we show how we put our application system through its paces after developing a prototype.

4.1 Front-End Design

User interface and visual design try to compensate a system's front-end designs. The atmosphere of the front end or user interface also plays a crucial part in the user's experience. The primary purpose of designing a website or application is to facilitate the user's effective interaction with the UI for their most important choices. The term "provenance" is often reserved for "front-end" or "user interface" development. The designers are capable of making an intuitive system, aesthetically pleasing, and compatible with a variety of devices.

For front-end Design we required:

- Google's Material Design FAQs
- The SQLite Database, Bootstrap, and MDBootstrap, 3 Experience
- Wisdom of HTML, CSS, and many
- Familiarity with Javascript is a must.

4.1.1 Javascript

JavaScript adds interactivity and dynamic behavior to web pages. All major browsers support it. JavaScript is used with HTML and CSS to create interactive web experiences. JavaScript is also being used for mobile app development and server-side programming. Web developers need JavaScript because of its versatility and ubiquity.

4.1.2 Bootstrap

Free front-end framework Bootstrap creates responsive, mobile-first websites and apps. Twitter created one of the most popular responsive website frameworks. Bootstrap offers several predesigned UI components, such as buttons, forms, tables, navbars, and more, that may be easily changed and utilized in web projects. Its responsive grid architecture lets developers construct layouts that adapt to different screen sizes. Bootstrap's simplicity and ability to enable developers build professional-looking websites and apps fast and easily make it popular.

4.2.0 Back-End Design

A system's Back-End design means to the underlying technological architecture and programming. The backend is always active behind the scenes, but the client has no idea it even exists. The system's back end is tied into a database. The server's back-end controls client requests and contains logic. This back-end system is built utilizing the Python programming language, Django framework and Javascript .

4.2.1 Python

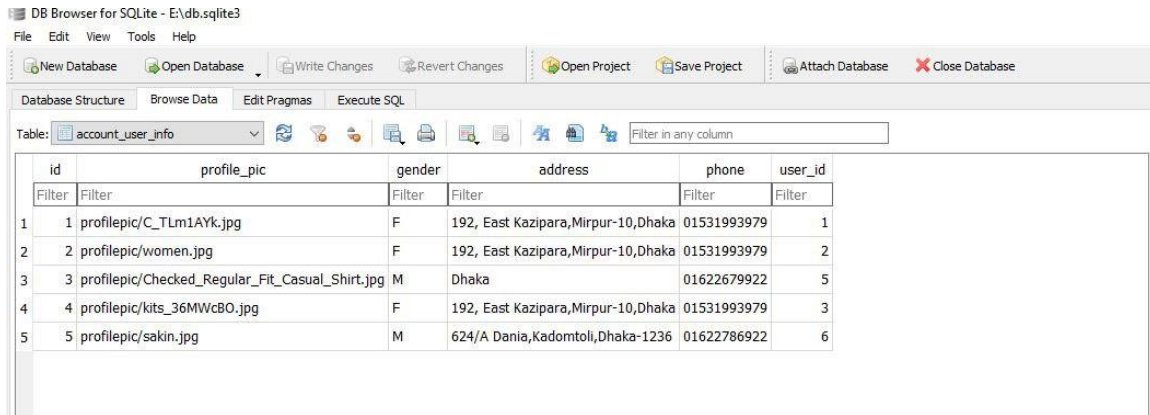
Python is used for web development, data analysis, machine learning, and scientific computing. Python is simple and readable, making it easy to learn and use. Python has a huge and active community of users and developers, which has helped build a rich ecosystem of libraries and frameworks to enhance its functionality. Python is used with databases and web frameworks to construct powerful and scalable applications.

4.2.2 DJANGO

Django are a lightweight, efficient, also practical web frame written in Python. It streamlines the web development process so you can concentrate on making an application. Django's purpose is to simplify database-driven website construction. Django supports session management, form processing, HTTP requests and responses, and a strong ORM, template engine, and authentication mechanism. Django is used to develop basic webpages and sophisticated data-driven platforms.

4.2.3 Database

SQLite is a database engine that is small in size, self-contained, and open-source. It is frequently utilized for the purpose of storing data in applications. Because of its compact size, excellent performance, and straightforward, hassle-free deployment, it is frequently used as the database of choice in mobile devices and web applications. SQLite saves the complete database in a single file on the device, making it easier to deploy and administer than other SQL databases, which often require a separate server process to be running. Other SQL databases store the database in multiple files on the device. SQLite is a database management system that covers the majority of the basic SQL capabilities. These features include data types, transactions, and indexes. SQLite is adaptable to a broad variety of applications.



	id	profile_pic	gender	address	phone	user_id
1	1	profilepic/C_TLm1AYk.jpg	F	192, East Kazipara, Mirpur-10, Dhaka	01531993979	1
2	2	profilepic/women.jpg	F	192, East Kazipara, Mirpur-10, Dhaka	01531993979	2
3	3	profilepic/Checked_Regular_Fit_Casual_Shirt.jpg	M	Dhaka	01622679922	5
4	4	profilepic/kits_36MWcBO.jpg	F	192, East Kazipara, Mirpur-10, Dhaka	01531993979	3
5	5	profilepic/sakin.jpg	M	624/A Dania, Kadamtoli, Dhaka-1236	01622786922	6

Figure 4.2.3

4.3 Interaction Design

UX design—also known as interaction designs how users engage with products and systems. Web and mobile app developers received Bootstrap 4 on August 19, 2015. Improved user experience was the goal. Twitter Blueprint precedes Bootstrap. Bootstrap is open-source and responsive. Anyone can learn this, improving UX. Demonstrate and practice client interaction with this design or UI.

4.4 Implementation Requirements

- Python
- Django
- Javascript

- Database(SQLite)
- HTML
- CSS
- Bootstrap

CHAPTER FIVE

IMPLEMENTATION AND TESTING

5.1 Implementation of Database

At this stage, the database management are shown on production machine. Databases are optimized for peak performance, and the application is written. Prepare a data set and input the data. Input all information into tables and a data set.

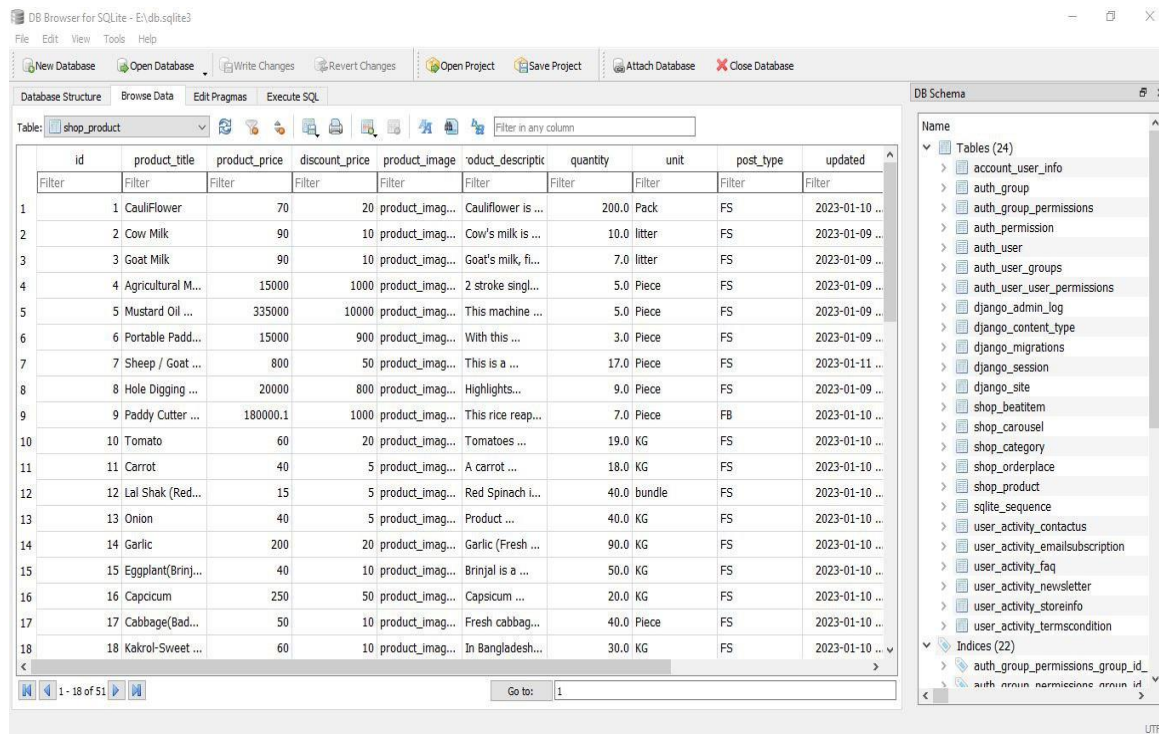


Figure 5.1.1

5.2 Implementation of Front-end design

Client-side web applications are great places to demonstrate HTML, CSS, and Bootstrap. Observing and working with other consumers is now possible. On the front end, we implemented responsive design with HTML, CSS, and the Bootstrap framework. Data from the front-end users is stored in a database. A thorough user form analysis is needed before designing a user-friendly interface. Designing an application setup ensures that users see information clearly and adequately.

5.3 Testing Implementation

Execution is the blueprint for organization. We will consider all variables before providing, validating some provisional activities. Test content specifies check redaction tool headers. Mechanization content is hardware-friendly programming idiom. Manual testing requires to check execution hardware. A check execution configuration specifies the test methods or test objects to execute using a certain superscript. By using the testing system, system time may be effectively controlled.

5.4 Test Results and Reports

Confirmatory testing are the reliable depiction of test outcomes, enabling fast review. It documents measurement research using a predetermined procedure, describes natural or working circumstances, and evaluates test results with objections. In conclusion, we'll use basic usage testing's benefits. After describing the designing for organization challenge, the question is how to best organize their events for UI designers. All correspondence will acknowledge the location. Appreciation for dynamic structure and consumer acquisition is affiliation. We also prefer natural-looking structures. We also use one of several components to finish our building. I made our system as simple as possible so customers would visit our website. I'm well-organized in composting and use.

5.4.1 Home Page

Home page of this system provides a user-friendly interface for users to access various features. New features, important information, or updates were added to the home page. Overall, the home page is designed to make it easy for users to access and use various features of the system.

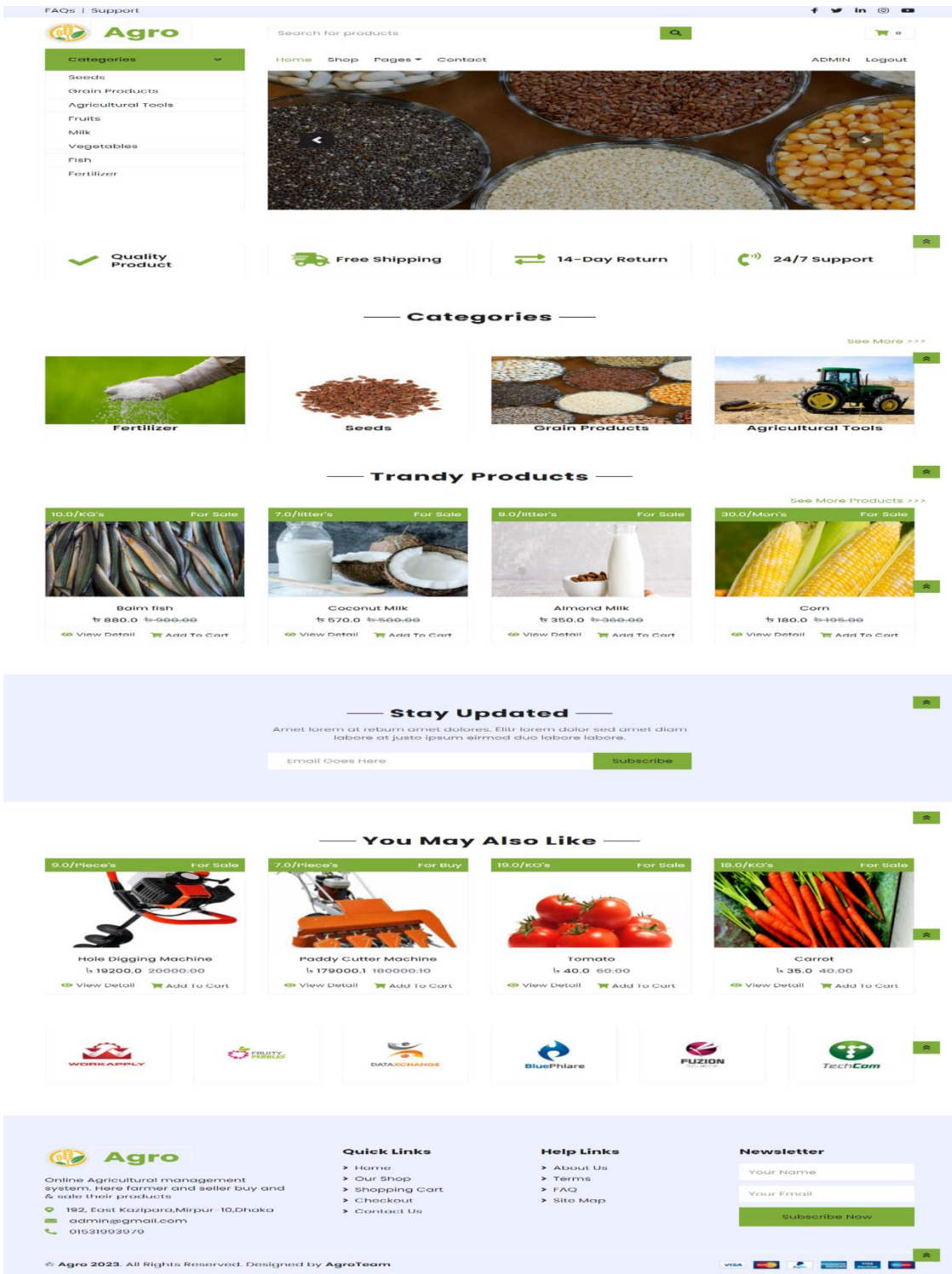


Figure 5. 1 Home Page

5.4.2 Registration

If a user wants to use this program, the person is required to register by providing the required information.

Sign Up

First name*

Last name*

Username*

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Email*

Password*

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation*

Enter the same password as before, for verification.

Profile pic*

 admin.png

Gender

Address

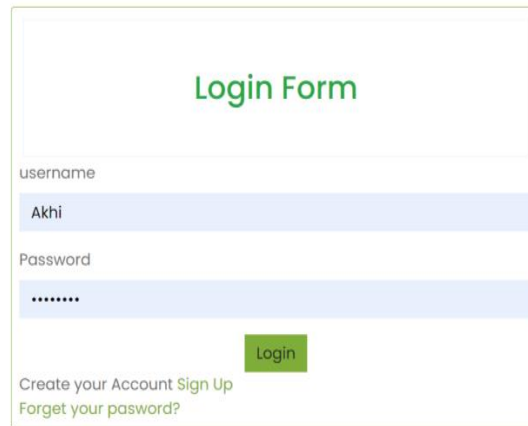
Phone

Already have an Account? [Login](#)

5.2 Registration Page

5.4.3 User Log in

Typically, the login procedure requires the user to input their unique username and password, which are then validated by the system to confirm that the user is permitted to access their account.

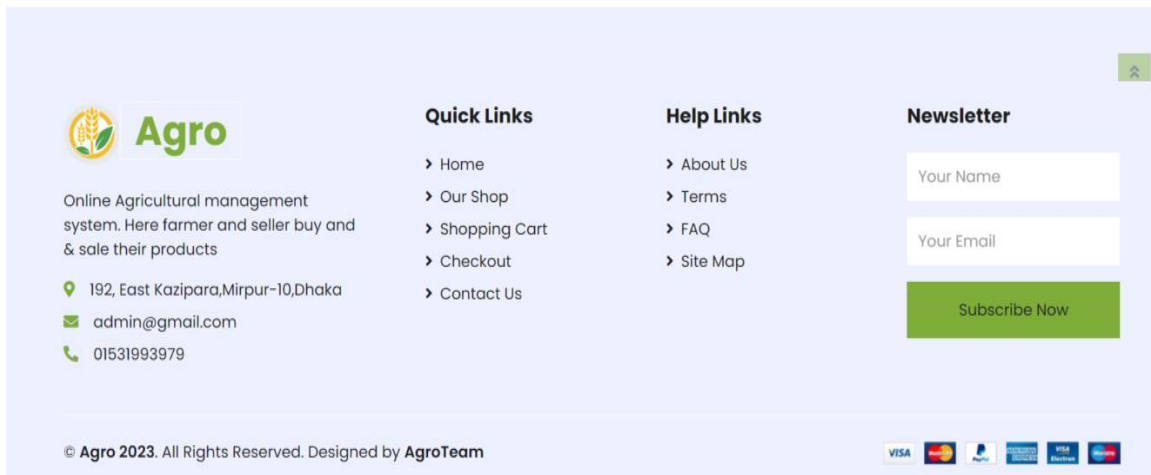


username
Akhi

Password
.....

Login

Create your Account Sign Up
Forget your password?



Agro
Online Agricultural management system. Here farmer and seller buy and & sale their products
192, East Kazipara, Mirpur-10, Dhaka
admin@gmail.com
01531993979

Quick Links
› Home
› Our Shop
› Shopping Cart
› Checkout
› Contact Us

Help Links
› About Us
› Terms
› FAQ
› Site Map

Newsletter
Your Name
Your Email
Subscribe Now

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VISA Mastercard PayPal AMERICAN EXPRESS Discover

Figure 5. 3 User login

5.4.4 User Profile

Is a feature that allows users to view and manage their account and the system's various tools and resources.



Name: Mustafiz Sakin

Email: mustafiz15-
12694@diu.edu.bd

Gender: Male

Address: 192, East
Kazipara, Mirpur-10, Dhaka

Phone No: 01531993979

Products List

Edit Info

Change password

Figure 5. 4 User Profile

5.4.5 User Add products

This feature enables users to add things such as crops, animals, and equipment in an organized format

Add Product

Product title*
Baim fish

Product price*
900

Discount price*
20

Product category* Fish

Product image*
Choose File 360_F_338093927_...ppbZCrJ7WVslLPs.jpg

Product description*
Baim Fish Big- (Price per kg) is available at Nitta Bazar in Dhaka. Baim fish is known as the Zig Zag Eel. This species is known as a food fish. Baim Fish is one of the best popular food in Bangladesh.

Quantity*
10

Unit
KG

Post type* For Sale

Add Product

Figure 5. 5 User add product

5.4.6 Search Product


A user can get his/her desired product and details by searching

Filter by Categories

- Seeds
- Grain Products
- Agricultural Tools
- Fruits
- Milk
- Vegetables
- Fish
- Fertilizer

Search: banana

15.0/Dozen's For Sale



Banana

₹ 120.0 ~~₹ 140.00~~

Figure 5. 6 Search product

5.4.7 Product Details

It provides an overview of a certain product.



Capsicum
₹ 200.0 ~~₹ 50.00~~
Quantity: 20.0 -KG(For Sale)

Capsicum contains very low fat and is very high in fibre as well as water content. There is also a l ...
[See more...](#)

− 0 + [Add To Cart](#)

Share on: [f](#) [t](#) [in](#) [p](#)

Description [Comments](#)

Product Description

Capsicum contains very low fat and is very high in fibre as well as water content. There is also a low amount of carbohydrates and calories in capsicum and is the reason why it is so beneficial for weight loss programs or if you're looking for a healthy, light snack.

Nutrients Value (in 1 cup)

Calories:30 Cal

Total Carbohydrate:6.9 gram

Dietary fiber:2.5 gram

Fat :0.3 gram

Protein :1.3 gram






Figure 5. 7 Product Details

5.4.8 Product Add in Cart

Allow buyers to select things for purchase without finishing the payment process.

SHOPPING CART

Home - Shopping Cart

Products	Price	Quantity	Total	Remove
 Drumstick (sajina)	₹ 140.00	- 2 +	₹ 280.00	<input type="checkbox"/>
 Tomato	₹ 40.00	- 1 +	₹ 40.00	<input type="checkbox"/>
 Carrot	₹ 35.00	- 1 +	₹ 35.00	<input type="checkbox"/>
 Eggplant(Brinjal)	₹ 30.00	- 1 +	₹ 30.00	<input type="checkbox"/>
 Capcicum	₹ 200.00	- 2 +	₹ 400.00	<input type="checkbox"/>

Cart Summary

Subtotal ₹ 785.00

Shipping ₹ 50

Total ₹ 835.00

[Proceed To Checkout](#)

Figure 5. 8 Product Add in cart

5.4.9 Checkout Process

This is the payment system

CHECKOUT

[Home](#) - Checkout

Shipping Address

First Name	Last Name
<input type="text" value="Akhi"/>	<input type="text" value="Moni"/>
E-mail	Mobile No
<input type="text" value="savagiw700@dni8.com"/>	<input type="text" value="01531993979"/>
Address Line 1	City
<input type="text" value="192, East Kazipara,Mirpur-10,Dhaka"/>	<input type="text" value="Dhaka"/>
ZIP Code	
<input type="text" value="1206"/>	

Order Total

Subtotal	₳ 575.00
Shipping	₳ 50
Total	₳ 625.00

Payment

Bkash
 Card
 Cash On Delivery

[How to Pay](#)

Place Order

Figure 5. 9 Checkout Process

5.4.10 Card Payment

Lets user to shop using card like VISA,Master Card,Credit Card etc

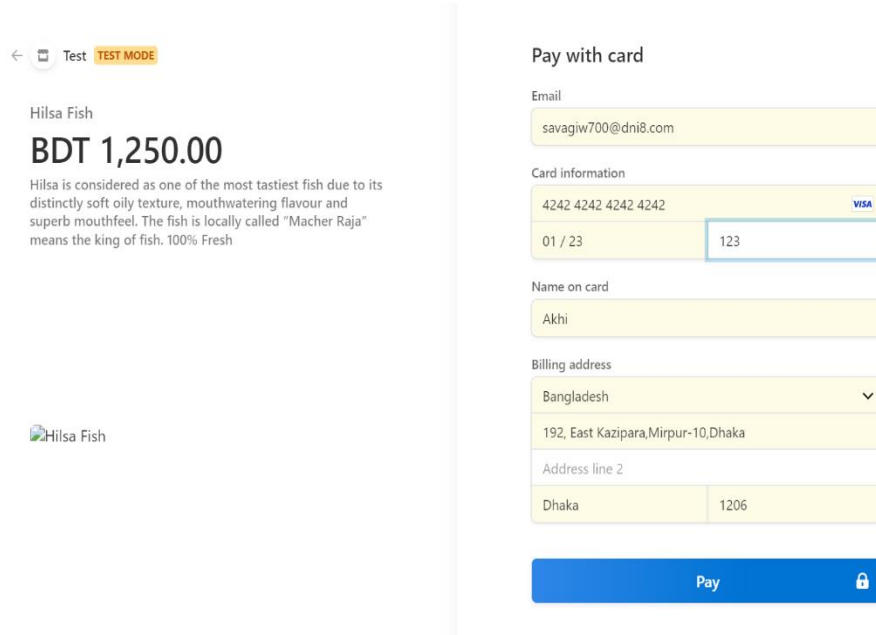


Figure 5. 10 Card Payment

5.4.11 Order complete

Here the user can see their order status

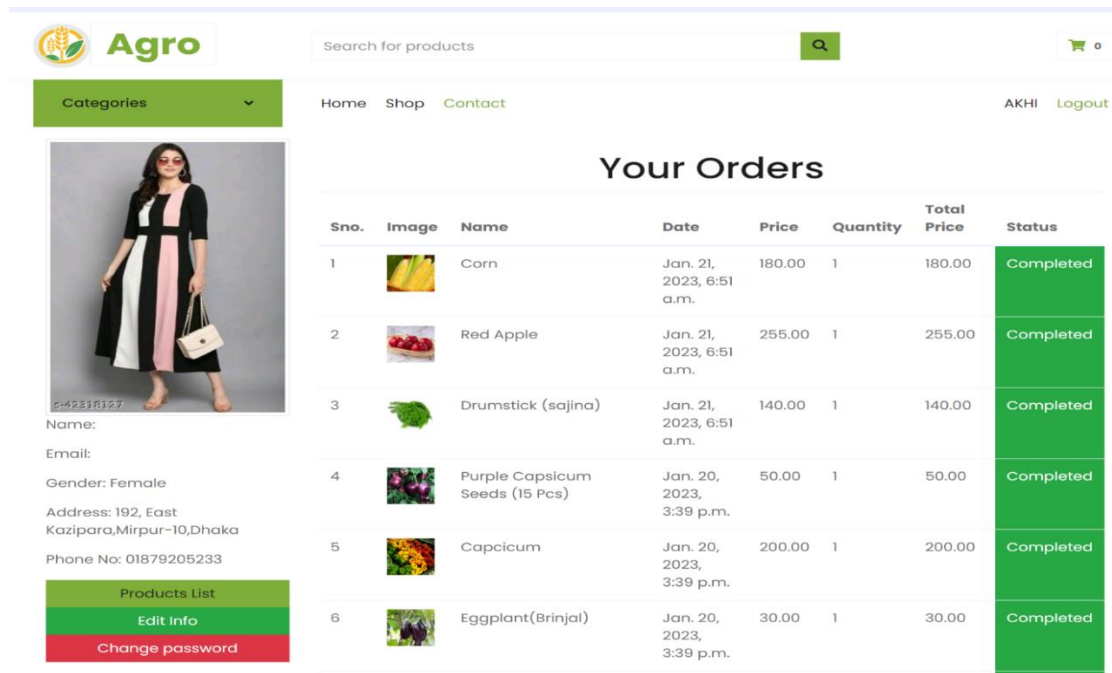


Figure 5. 11 Order Complete

5.4.12 Add Product By Users

Here user can add products for selling

[Home](#) [Shop](#) [Contact](#)

[AKHI](#) [Logout](#)

Add Product

Product title*

Product price*

Discount price*

Product category*

Product image*

360_F_338093927_...ppbZCrJ7WVsILPs.jpg

Product description*

Baim Fish Big- (Price per kg) is available at Nitta Bazar in Dhaka. Baim fish is known as the Zig Zag Eel. This species is known as a food fish. Baim Fish is one of the best popular food in Bangladesh.

Quantity*

Unit

Post type*

Figure 5. 12 Add product by user

5.4.13 Admin Login page

A Simple login page for admin

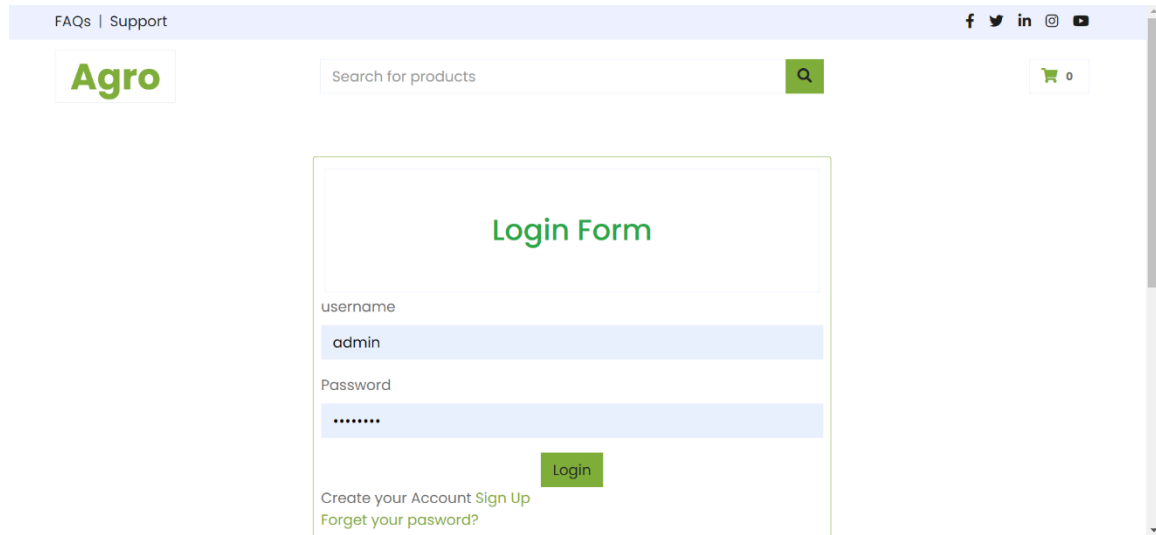


Figure 5. 13 Admin Log in page

5.4.14 Admin Dashboard

A web-based online agriculture management system's admin dashboard is a tool that enables administrators to administer the system and its users. In a short, it enables administrators to efficiently and centrally administer the system and its users.

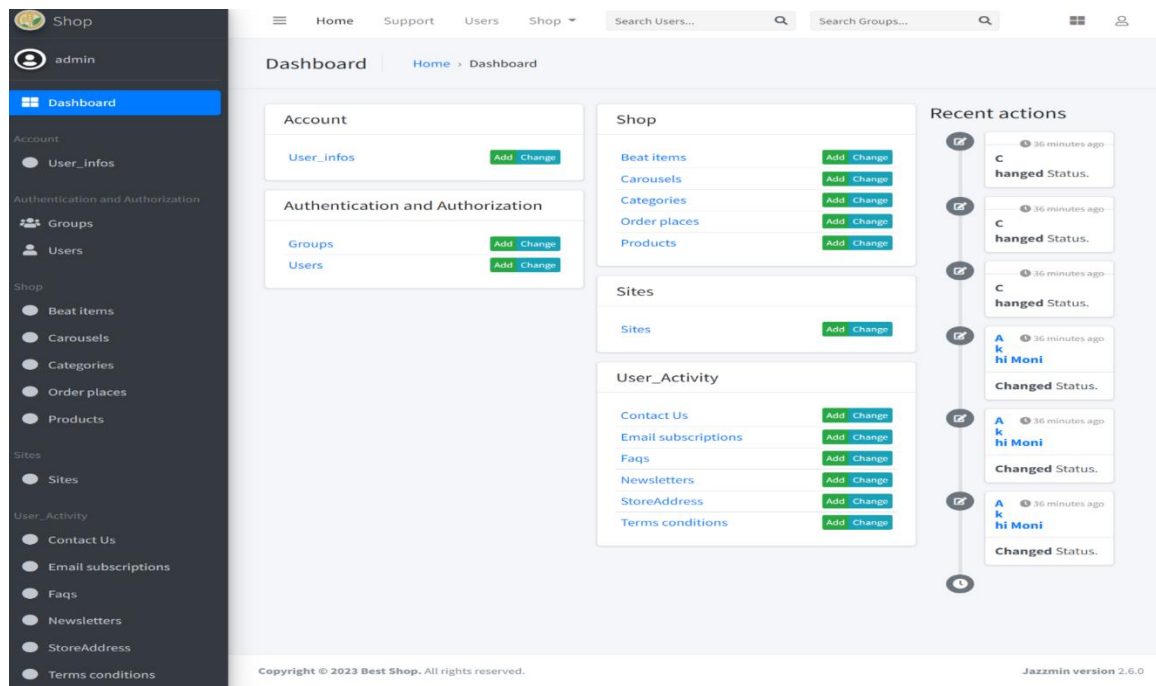


Figure 5. 14 Admin Dashboard

5.4.15 Add Category

Only admin can edit/add/delete the product category

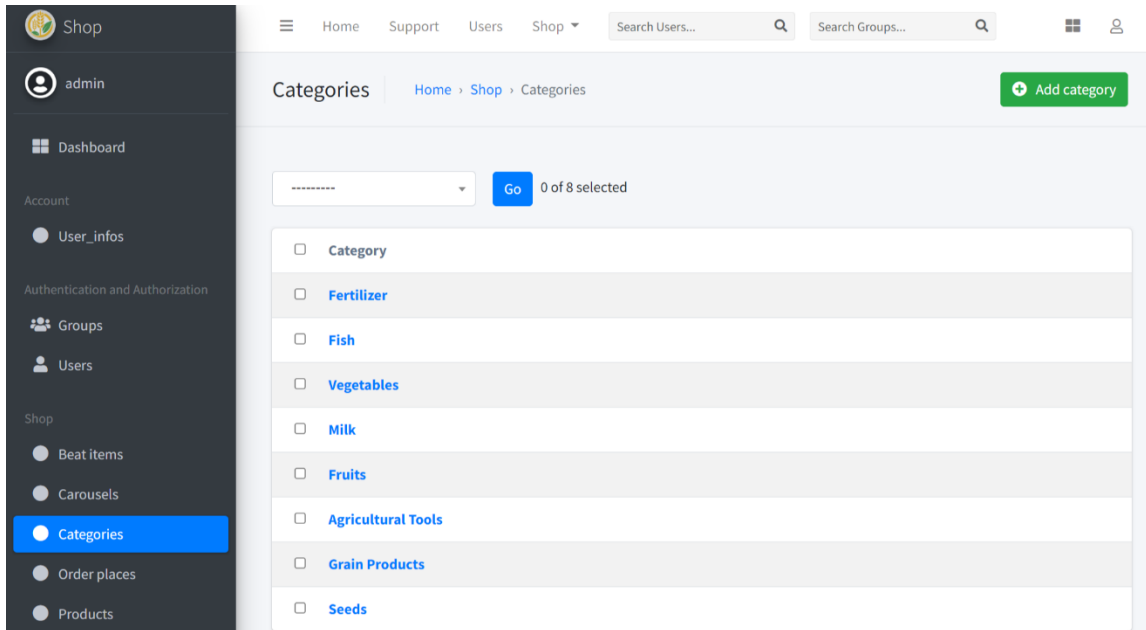


Figure 5. 15 Add Category

5.4.16 Add Users

Administrators can add or remove users

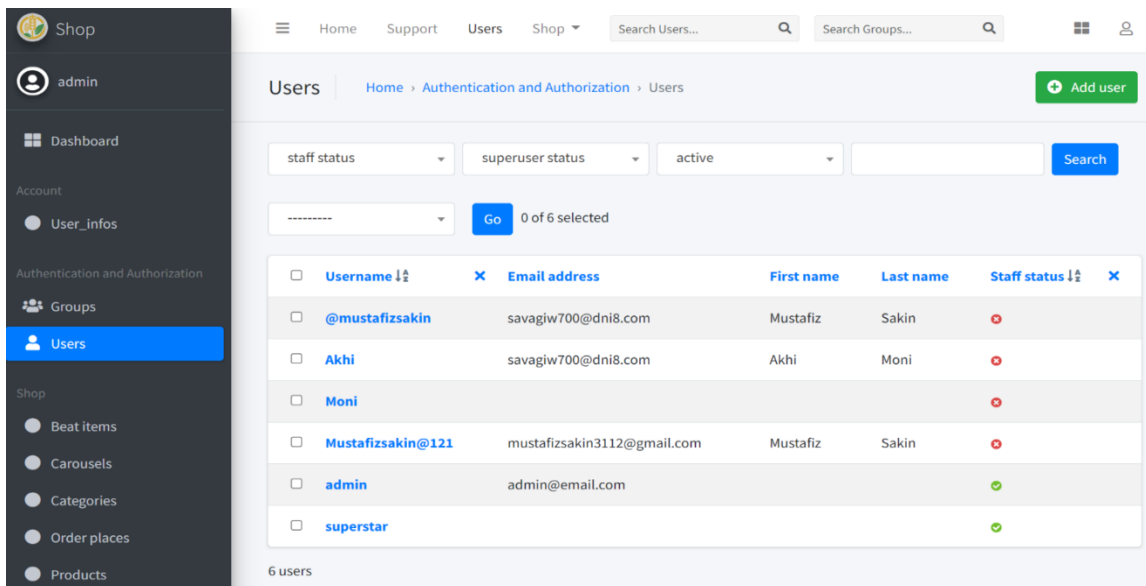


Figure 5. 16 Add Users

5.4.17 Order Place

Admin can see overview for orders and operation state of them and can do certain works

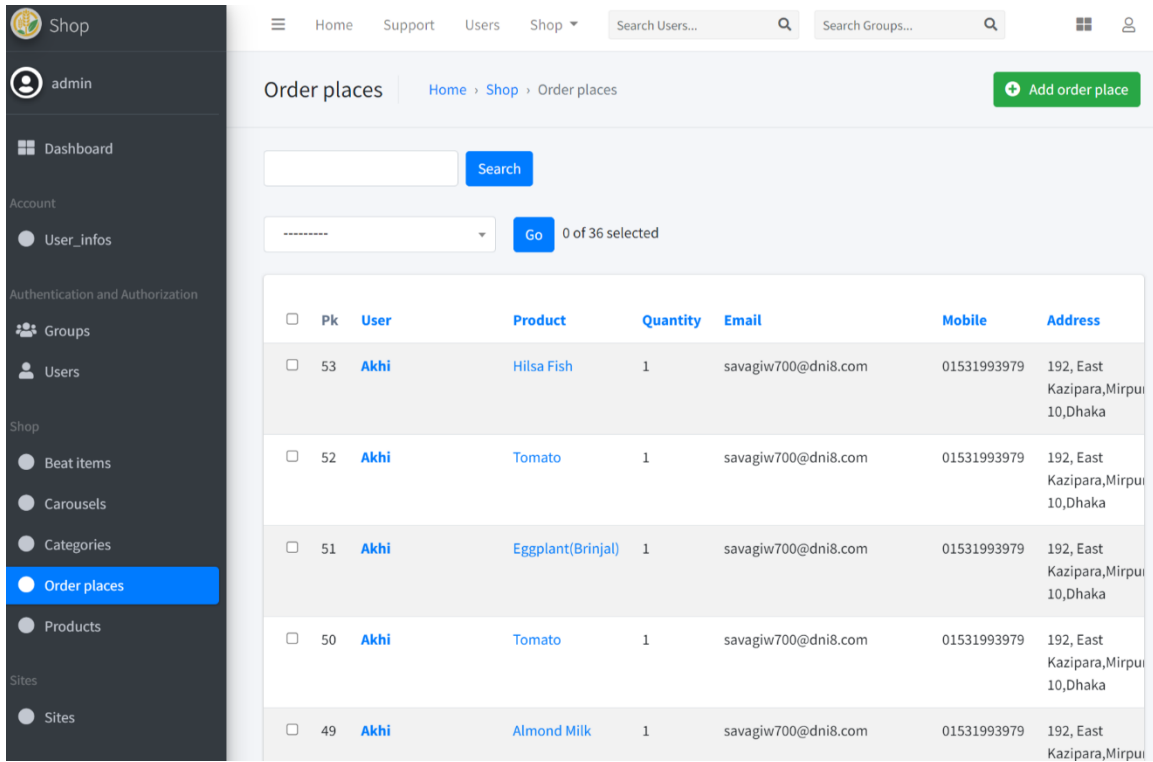


Figure 5. 17 Order Places

5.4.18 Product category

Product category allows users to pick or browse items like crops, animals, and equipment in a structured manner.



Figure 5. 18 Product category

5.4.19 About Us

This actually defines who we are actually

FAQs | Support f t in @

Search for products

Categories ▼ Home Shop Contact ADMIN Logout

ABOUT US

Home - About-Us

— About Best Shop —

online agriculture management application is a digital platform that permits farmers and agricultural professionals to manage and operate their businesses online. With a web-based system, users may access a variety of tools and information from any internet-connected device, making it convenient and user-friendly.

Get In Touch

Online Agricultural management system. Here farmer and seller buy and & sale their products

192, East Kazipara,Mirpur-10,Dhaka

admin@gmail.com

01531993979

Online Agricultural management system. Here farmer and seller buy and & sale their products

192, East Kazipara,Mirpur-10,Dhaka

admin@gmail.com

01531993979

Quick Links

- > Home
- > Our Shop
- > Shopping Cart
- > Checkout
- > Contact Us

Help Links

- > About Us
- > Terms
- > FAQ
- > Site Map

Newsletter

Your Name

Your Email

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Figure 5. 19 About us

5.4.20 Contact Us

This part is about contacting us for any need

CONTACT US

[Home](#) - [Contact](#)

— Contact For Any Queries —

Get In Touch

Online Agricultural management system. Here farmer and seller buy and & sale their products

192, East Kazipara,Mirpur-10,Dhaka
 admin@gmail.com
 01531993979

Agro

Online Agricultural management system. Here farmer and seller buy and & sale their products

192, East Kazipara,Mirpur-10,Dhaka
 admin@gmail.com
 01531993979

Quick Links

- > Home
- > Our Shop
- > Shopping Cart
- > Checkout
- > Contact Us

Help Links

- > About Us
- > Terms
- > FAQ
- > Site Map

Newsletter

Khaleda Yasmin Akhi

akhimoni.cse@gmail.com

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VISA Mastercard PayPal American Express VISA Electron

Figure 5.20 Contact us

5.4.21 Email Subscription For Update

One can get updated information by subscribing through email

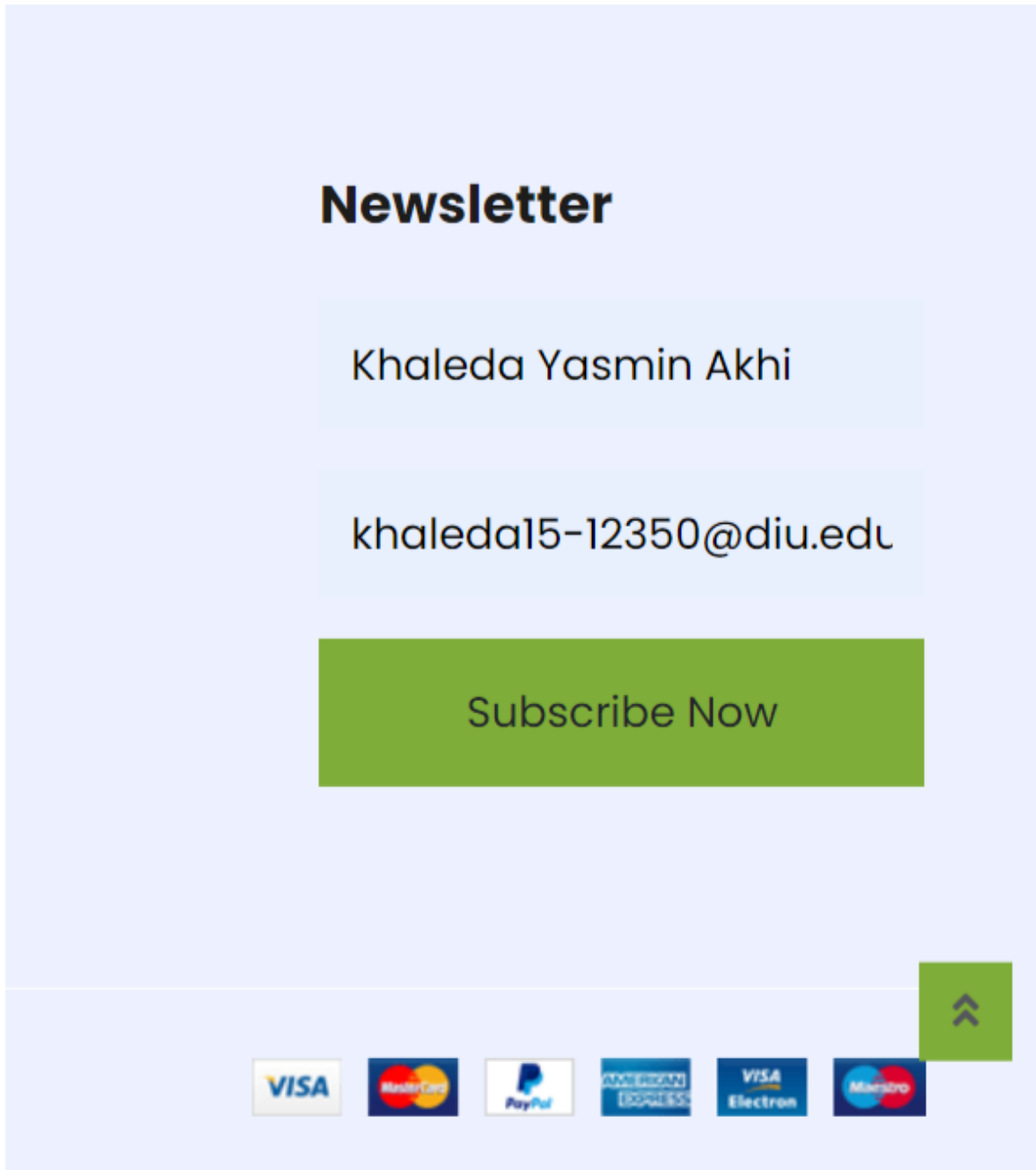


Figure 5. 21 Email Subscription

CHAPTER SIX

IMPACTS ON SOCIETY, ENVIRONMENT AND SUSTAINABILITY

6.1 Impacts On Society

Effectiveness enhancement: Internet-based agricultural resource management systems provide farmers and agribusinesses with the tools and insights necessary to improve the management of their operations, therefore lowering operating expenses and improving profits.

Enhanced communication: By providing tools for communication with consumers, suppliers, and other stakeholders, web-based online farm management systems have the potential to improve the networks that support the agricultural industry.

6.2 Impact on the environment

The use of online agricultural management systems can assist farmers and agribusinesses in adopting practices that are less harmful to the environment. The use of online agricultural management systems is likely to have a positive effect on the environment because these systems can contribute to the reduction of resource consumption and the improvement of agricultural practices.

6.3 Sustainability Plan

Sustainability refers to the capacity or caliber of a resource to endure into the far future. The primary consideration is how to ensure the appliance's quality for the foreseeable future.

We have maintained our project by focusing on some steps as:

- Fixing Bugs
- Continuous improvement by updation

CHAPTER SEVEN

CONCLUSION AND FUTURE SCOPES

7.1 Conclusion

This project is ultimately fit to be used. Farmers, along with agribusiness related people can gain a lot from an online agriculture management system in a web-based application project by giving them a centralized platform to buy and sell their product in less effort and time, also communicate with products owners for known to product quality This way no one will be cheated about the price or quality of the product. The system can help farmers be more productive and efficient by streamlining these operations. The method can also help consumers by giving them an easy way to find and buy goods from a variety of producers. Overall, the creation and execution of such a system might greatly advance the agricultural sector.

7.2 Future scopes and Development

We will try to add more segments to this project in the future so that all the farmers and those involved in agriculture can avail the services from this system and their hardships and efforts will be reduced a little .Here are some features that we want to add our project in future:

- We will try to make this project into a wholesale shop.
- Add online and offline banking systems .
- Whole record of production through the country.
- Farmers would be able to contact the agricultural consultant with any issues.

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APPENDIX

From the semester Fall-2021, we started to work on our project for publishing. We maintained a schedule to implement, monitor, and update our project.

Web-Based Online Agricultural Management System

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SIMILARITY INDEX

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0%

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18%

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