

# **AGRO BASED E-COMMERCE WEBSITE**

**A SEPM PROJECT REPORT**

*Submitted by*

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*Under the Guidance of*

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*in partial fulfillment of the requirements for the degree of*

**BACHELOR OF TECHNOLOGY  
in  
COMPUTER SCIENCE ENGINEERING**



**DEPARTMENT OF COMPUTING TECHNOLOGIES  
SCHOOL OF COMPUTING  
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SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
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**MAY 2025**



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## **ABSTRACT**

The Agro-Based E-Commerce Website is a comprehensive digital marketplace that connects farmers, vendors, and consumers in a transparent ecosystem, eliminating middlemen to ensure fair pricing and better margins for smallholders. It empowers producers with direct sales channels, wider market reach, and pricing control, while offering consumers fresher, traceable produce at fair rates. The platform features an AI-driven recommendation engine for personalized product suggestions, GPS-enabled logistics for real-time order tracking, and secure multi-gateway payments with escrow and farmer-friendly payout schedules. With a mobile-first, multilingual interface, interactive tutorials, and chat-based support, it caters to users with varying digital literacy. Built on a scalable microservices cloud infrastructure, it includes analytics dashboards for data-driven decisions on market trends and supply chains. Aligned with UN Sustainable Development Goals, the project reduces food waste, promotes seasonal eating, and enhances rural livelihoods by democratizing access to the agricultural value chain, fostering an inclusive, resilient, and sustainable food system.

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## ABBREVIATIONS

SDG	Sustainable Development Goals
AI	Artificial Intelligence
API	Application Programming Interface
UI	User Interface
MS	Microsoft
CRUD	Create, Read, Update, Delete
GPS	Global Positioning System
CI/CD	Continuous Integration / Continuous Deployment
S3	Simple Storage Service
JWT	JSON Web Token
OAuth	Open Authorization
ELK	Elasticsearch, Logstash, Kibana
UAT	User Acceptance Testing
K8s	Kubernetes
Kafka	Apache Kafka
PostgreSQL	Postgre Structured Query Language
Redis	Remote Dictionary Server

# CHAPTER 1

## INTRODUCTION

### 1.1 Introduction to Agro Based E-Commerce Website:

The Agro-Based E-Commerce Website is designed to bridge the gap between farmers/vendors and buyers by providing a seamless online marketplace for agricultural products. The platform empowers farmers to list their goods directly, minimizing the role of intermediaries and enabling buyers to browse, compare, and purchase products effortlessly. This digital platform aims to make agro-trading transparent, efficient, and accessible to all stakeholders, particularly those in rural and underserved areas.

### 1.2 Motivation

Agriculture remains the backbone of many economies, yet farmers often struggle to get fair prices due to middlemen and limited access to markets. The motivation behind this project is to equip farmers with direct access to buyers, ensuring fair pricing and better income. For consumers, the platform provides access to fresh produce directly from the source, along with transparency, variety, and convenience. This initiative also addresses the urban-rural digital divide by offering a user-friendly digital solution.

### 1.3 Sustainable Development Goal of the Project

This project contributes directly to the United Nations' Sustainable Development Goals (SDGs), particularly:

- **SDG 9: Industry, Innovation, and Infrastructure** – by building a robust e-commerce infrastructure tailored for agriculture.
- **SDG 12: Responsible Consumption and Production** – by encouraging sustainable farming practices and reducing food wastage through direct demand-supply alignment.

## 1.4 Product Vision Statement

The vision is to develop a digital marketplace that streamlines the agricultural supply chain, enhances farmer profitability, and delivers fresh produce to consumers efficiently. This platform aims to be the go-to solution for anyone involved in the agricultural trade, offering a seamless, secure, and user-friendly experience.

## 1.4 Product Goal

To build a scalable and inclusive e-commerce platform tailored for agricultural goods that promotes direct trade, ensures quality and transparency, and leverages technology to enhance the efficiency of the supply chain.

Ultimately, the product goal is to create an educational ecosystem that is not just about acquiring information, but about building meaningful connections, promoting collaboration, and driving sustainable development in communities. Through this blend of AI-driven personalization and local skill-sharing, the platform aspires to make education a collaborative, enriching, and socially impactful experience.

## 1.5 Product Backlog

Table 1.1 shows all the user stories of product backlog

**Table 1.1 Detailed User Stories of Product Backlog**

S.No	User Stories of Agro Based E-Commerce Website
#US 1	As a farmer/vendor, I want to create an account to access the platform (Priority: Must) - Acceptance Criteria: 1. Users can register with email/phone and password.
#US 2	As a vendor, I want to list my products with details and images (Priority: Must) - Acceptance Criteria: 1. Vendors can add, edit, and delete product listings.
#US 3	As a buyer, I want to search for products based on categories & filters (Priority: Must) - Acceptance Criteria: 1. Users can filter by price, category, location, etc.
#US 4	As a buyer, I want to securely pay for my orders (Priority: Must) - Acceptance Criteria: 1. Payment should be processed securely via integrated payment API.
#US 5	. As a buyer, I want to track my order status (Priority: Should) - Acceptance Criteria: 1. Users can see real-time order status updates.

#US 6	As a buyer, I want to rate and review products (Priority: Should) - Acceptance Criteria: 1. Users can add, edit, and delete their reviews.
#US 7	As a user, I want to use the platform in my preferred language (Priority: Could) - Acceptance Criteria: 1. Users can switch languages from settings.
#US 8	As a mobile user, I want a smooth experience on my device (Priority: Could) - Acceptance Criteria: 1. The platform is responsive across different devices.
#US 9	As a buyer, I want personalized product suggestions (Priority: Could) - Acceptance Criteria: 1. Users receive product recommendations based on their activity.
#US 10	As a user, I want instant support via a chatbot (Priority: Could) - Acceptance Criteria: 1. Users can chat with a bot for basic queries.

Figure 1.1 shows the MS Planner for the project

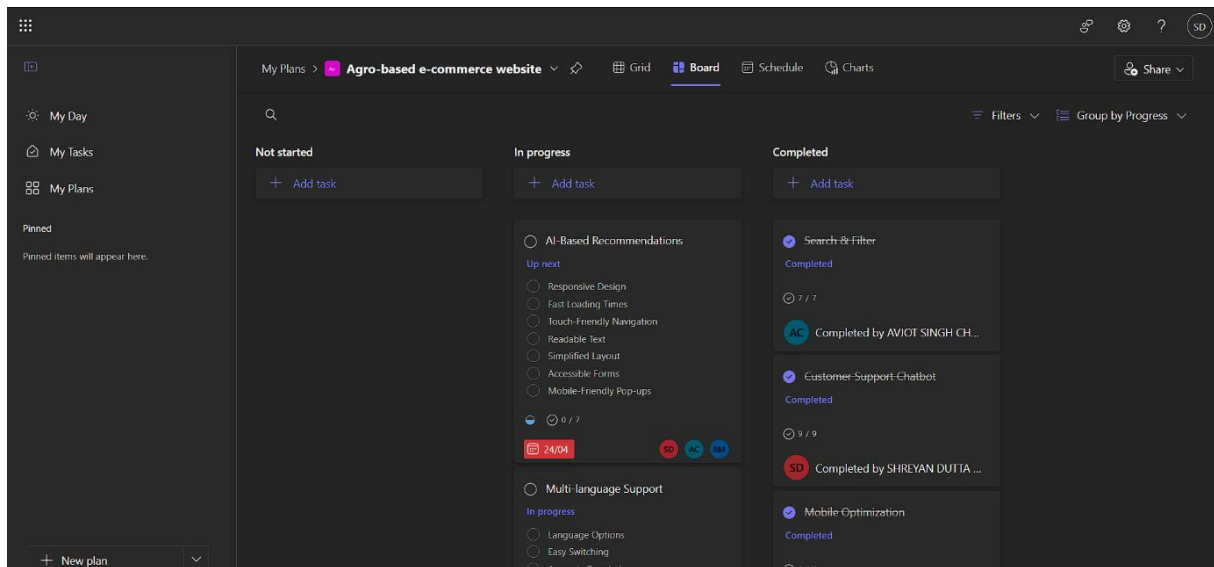


Figure 1.1 MS Planner Board of Agro Based E-Commerce Website

## 1.7 Product Release Plan

The project will be released in two primary sprints. Sprint 1 will focus on the foundational aspects like user registration, product listing, and search. Sprint 2 will build on this by incorporating secure payments, reviews, and AI features. Each sprint will last for 2 weeks followed by retrospective analysis and planning for the next.

The following Figure 1.2 depicts the release plan of the project

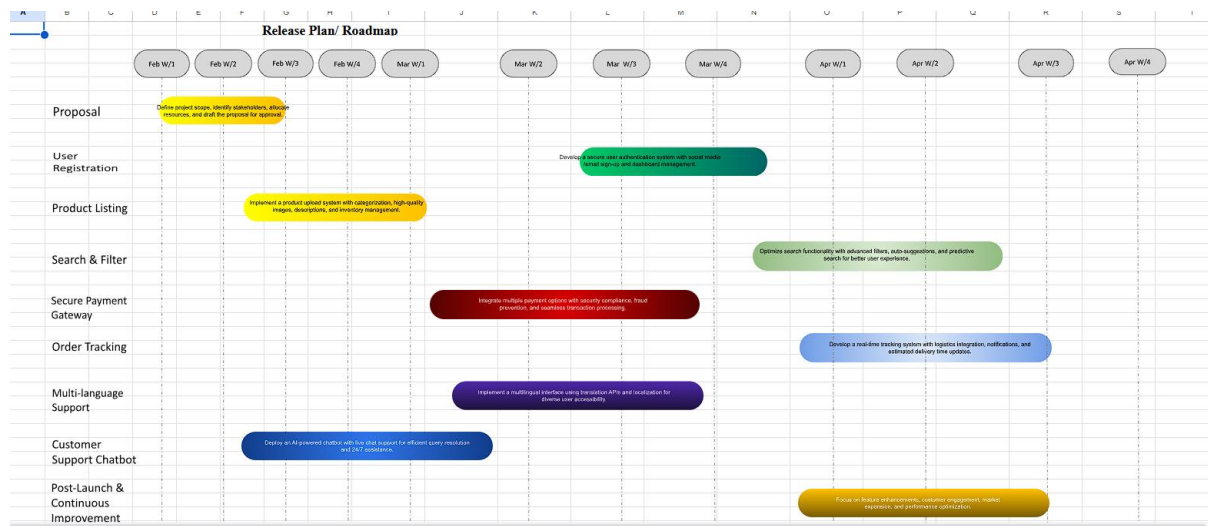


Figure 1.2 Release plan of AI E-learning Application

### Environment Setup & Deployment

- CI/CD for automated builds, tests & deploys
- Auto-deploy each sprint to staging

### Post-Sprint Activities

- Retrospectives & backlog updates
- Incorporate UAT feedback

### Risk Mitigation

- Buffer for third-party dependencies
- Mid-sprint checkpoints for blockers

This streamlined approach keeps delivery steady, visible, and aligned with stakeholder needs.

## CHAPTER 2

### SPRINT PLANNING AND EXECUTION

#### 2.1 Sprint 1

##### 2.1.1 Sprint Goal with User Stories of Sprint 1

The primary goal of Sprint 1 was to establish the foundation of the Agro E-Commerce platform by implementing core features like user registration, product listing, and search functionality.

The following table 2.1 represents the detailed user stories of the sprint 1

**Table 2.1 Detailed User Stories of sprint 1**

S.NO	Detailed User Stories
US #1	As a vendor, I want to list my products with details and images (Priority: Must) - Product Management
US #2	As a buyer, I want to search for products based on categories & filters (Priority: Must) - Product Discovery
US #3	As a buyer, I want to securely pay for my orders (Priority: Must) - Payments

Implement essential onboarding and catalog features to support secure access, product CRUD operations, and intuitive discovery.

##### User Stories for Sprint 1

- As a Customer, I want to register an account so that I can access member-only features.
- As a Customer, I want to log in and log out securely to protect my personal data.
- As a Customer, I want to view and update my profile information so that my account stays current.
- As an Administrator, I want to add new products with images and descriptions so that vendors can list their goods.

- As an Administrator, I want to edit or delete product listings to maintain accurate catalog data.
- As a Customer, I want to browse the full product list so that I can discover available offerings.
- As a Customer, I want to search and filter products by name, category, and price so that I can quickly find what I need.
- As a Customer, I want to view detailed product information-including price, vendor, and availability-so that I can make informed purchase decisions.

This set of stories ensured a functioning prototype for stakeholder feedback, user testing, and planning of advanced features in Sprint 2.

Planner Board representation of user stories are mentioned below figures 2.1,2.2 and 2.3

The image shows a digital planner board for a user story. At the top, it says 'Agro-based e-commerce website' and 'Product Listing'. Below this, it indicates 'Completed on 44 minutes ago by AVJOT SINGH CHAWLA (RA2211003010584)'. There are two avatars labeled 'SD' and 'AC'. Below the avatars is an 'Add label' button. The board is divided into several sections: 'Bucket' with a dropdown set to 'Completed', 'Progress' with a dropdown set to 'Completed' and a progress bar, 'Priority' with a dropdown set to 'Urgent', 'Start date' with a calendar icon and the date '01/03/2025', 'Due date' with a calendar icon and the date '05/03/2025', and 'Repeat' with a dropdown set to 'Does not repeat'. There is a 'Notes' section with a text area and a 'Show on card' checkbox. At the bottom, there is a 'Checklist 10 / 10' section with a progress bar and a 'Show on card' checkbox. The checklist items are: 'Clear Images', 'Simple Descriptions', 'Correct Prices', and 'Stock Updates', all of which are checked.

Figure 2.1 user story for user registration



Agro-based e-commerce website

✓ **Search & Filter**  
Completed on 41 minutes ago by AVIOT SINGH CHAWLA (RA2211003010584)

SD AC

🏷️ Add label

<b>Bucket</b>	<b>Progress</b>	<b>Priority</b>
Completed ▾	✓ Completed ▾	• Medium ▾
<b>Start date</b>	<b>Due date</b>	<b>Repeat</b>
01/04/2025 📅	04/04/2025 📅	🔄 Does not repeat ▾

**Notes** ☐ Show on card

Type a description or add notes here

Checklist 7 / 7 ☒ Show on card

- ✓ Prominent Search Bar
- ✓ Auto-Suggestions
- ✓ Relevant Filters
- ✓ Clear Labels

Figure 2.2 user story for profile creation

Agro-based e-commerce website

✓ **Secure Payment Gateway**  
Completed on 17/04/2025 by RAHUL MANNA (RA2211003010570)

SD AC RM

🏷️ Add label

<b>Bucket</b>	<b>Progress</b>	<b>Priority</b>
Completed ▾	✓ Completed ▾	! Important ▾
<b>Start date</b>	<b>Due date</b>	<b>Repeat</b>
15/03/2025 📅	22/03/2025 📅	🔄 Does not repeat ▾

**Notes** ☒ Show on card

Type a description or add notes here

Checklist 10 / 10 ☐ Show on card

- ✓ Follow Security Standards
- ✓ Data Protection
- ✓ Offer Payment Choices
- ✓ Prevent Fraud

Figure 2.3 User story for search functionality

### 2.1.2 Functional Document

#### Key Features

- Account Management: user registration with email confirmation; secure login/logout and password reset; profile view/edit
- Product Listings: vendor CRUD of products (image, title, description, price, stock) with validation; paginated catalog view
- Search & Filtering: keyword search (partial matches); filters by category, price range, rating; sorting by price, date, popularity

#### Acceptance Criteria

- Wireframes cover happy and error flows for each feature
- REST endpoints defined (e.g. POST /auth/register, GET /products?search=, PUT /products/{id})
- Functional tests validate form inputs, CRUD operations, and search accuracy

### 2.1.3 Architecture Document

#### Microservices

- Auth Service: JWT/OAuth-based credential management
- Product Service: metadata handling, image storage (S3)
- Search Service: real-time indexing via Elasticsearch
- Profile Service: user preferences and order history

#### Integration & Data

- REST APIs routed through an API Gateway
- Dedicated datastores: PostgreSQL for core data, Redis for sessions
- Kafka topics broadcast product updates to Search Service

#### Deployment & Reliability

- Containerized with Docker, orchestrated on Kubernetes

- Environment configs in Consul/Vault
- Monitoring via Prometheus and Grafana; centralized logging with ELK stack

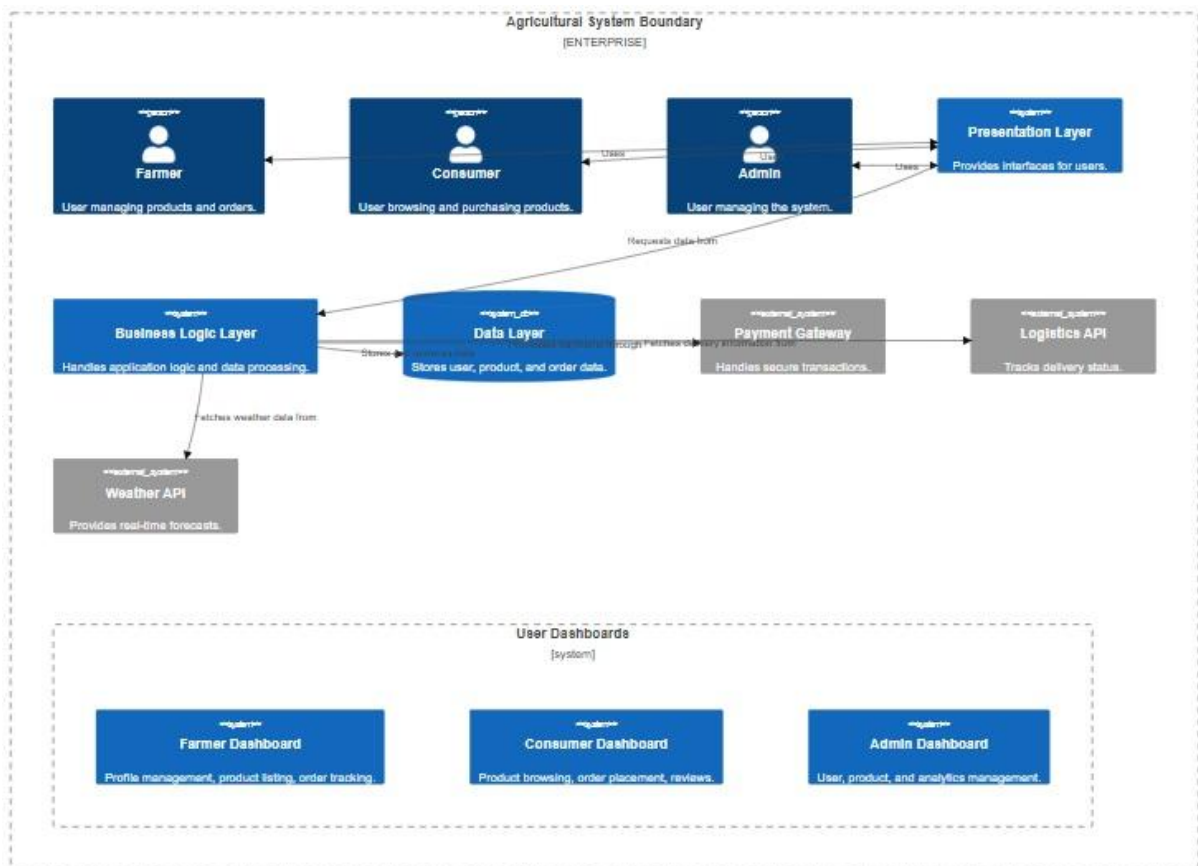


Figure 2.5 Architecture diagram

## 2.1.4 UI DESIGN



Figure 2.5 UI Design for Landing page

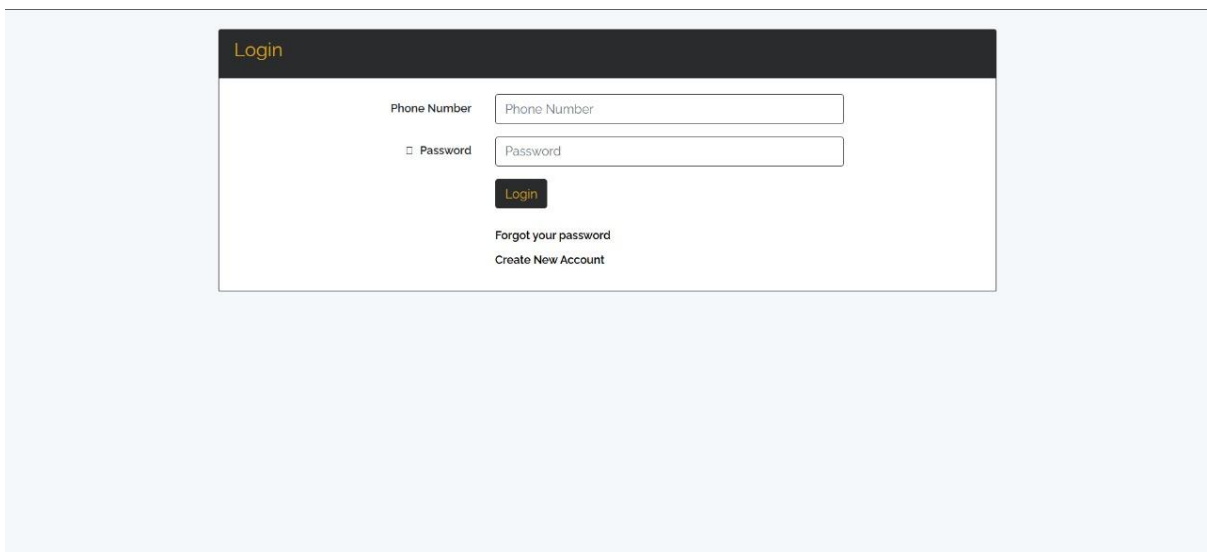


Figure 2.6 UI design for login page

## 2.1.5 Functional Test Cases

All user stories were backed by end-to-end test scenarios covering both nominal and error paths.

- Registration Flow: valid/invalid inputs, email confirmation link delivery, password reset
- Product Upload & Display: image size/type validation, required-field enforcement, correct catalog listing
- Search & Filtering: partial keyword matches, combined filters (category, price), sort order verification

Each test was documented in the test suite and executed against the staging build, with defects logged and resolved before sprint close.

### **2.1.6 Daily Call Progress**

Daily 15-minute standups tracked:

- Yesterday's accomplishments (e.g., auth endpoint complete)
- Today's plan (e.g., integrate search API)
- Blockers (e.g., S3 access errors)

Immediate follow-ups-like pairing on API fixes-kept the team on schedule and minimized idle time.

### **2.1.7 Committed vs Completed User Stories**

Sprint 1 committed three core stories (user registration, product CRUD, search). All were delivered and demo-approved, with acceptance criteria met and signed off by stakeholders.

### **2.1.8 Sprint Retrospective**

Highlights: seamless feature deliveries, close stakeholder feedback loops  
 Improvements: refine backlog grooming to clarify edge cases sooner; allocate dedicated time for test-case design at sprint start. These insights will guide planning and execution in Sprint 2.

## **2.2 SPRINT 2**

### **2.2.1 Sprint Goal with User Stories of Sprint 2**

Sprint 2 aimed at enhancing the platform with advanced features like secure payment integration, reviews, and personalization using AI.

The following table 2.2 represents the detailed user stories of the sprint 2

**Table 2.2 Detailed User Stories of sprint 2**

S.NO	Detailed User Stories
US #1	<ul style="list-style-type: none"> <li>As a buyer, I want to track my order status (Priority: Should)</li> <li>- Order Management</li> </ul>
US #2	<ul style="list-style-type: none"> <li>As a buyer, I want to rate and review products (Priority: Should)</li> <li>- User Engagement</li> </ul>
US #3	<ul style="list-style-type: none"> <li>As a user, I want to use the platform in my preferred language (Priority: Could)</li> <li>- Localization</li> </ul>

Figures 2.7, 2.8 and 2.9 shows the MS Planner of the user stories of sprint 2

Agro-based e-commerce website

✓ **Order Tracking**  
Completed on 17/04/2025 by RAHUL MANNA (RA2211003010570)

AC RM

🏷️ Add label

Bucket: Completed ▾

Progress: Completed ▾

Priority: Important ▾

Start date: 24/03/2025 📅

Due date: 31/03/2025 📅

Repeat: Does not repeat ▾

Notes: ☐ Show on card  
Type a description or add notes here

Checklist 10 / 10 ☒ Show on card

- ✓ Real-Time Updates
- ✓ Tracking Numbers

Figure 2.7 user story for order tracking

Agro-based e-commerce website

✓ **Reviews & Ratings**

Completed on moments ago by you

SD SHREYAN DUTTA (RA2211003010583)

🏷️ Add label

<b>Bucket</b>	<b>Progress</b>	<b>Priority</b>
Completed	Completed	Medium
<b>Start date</b>	<b>Due date</b>	<b>Repeat</b>
05/04/2025	10/04/2025	Does not repeat

**Notes** ☐ Show on card

Type a description or add notes here

Checklist 10 / 10 ☒ Show on card

- ✓ Easy Submission Process
- ✓ Moderation System
- ✓ Authenticity Verification
- ✓ Response Mechanism

Figure 2.8 user story for review system

Agro-based e-commerce website

✓ **Multi-language Support**

Completed on moments ago by you

SD SHREYAN DUTTA (RA2211003010583)

🏷️ Add label

<b>Bucket</b>	<b>Progress</b>	<b>Priority</b>
In progress	Completed	Low
<b>Start date</b>	<b>Due date</b>	<b>Repeat</b>
25/04/2025	30/04/2025	Does not repeat

**Notes** ☐ Show on card

Type a description or add notes here

Checklist 7 / 7 ☒ Show on card

- ✓ Language Options
- ✓ Easy Switching
- ✓ Accurate Translations
- ✓ Consistent Formatting

Figure 2.9 user story for multi-language support

## 2.2.2 Functional Document

### Key Features

- Secure Checkout: users enter payment details, receive real-time authorization, view order confirmation
- Payment Management: support for refunds and transaction history in user profiles
- Review & Rating: customers submit star ratings and text reviews; vendors and admins can moderate
- Display Feedback: average ratings and recent reviews appear on product pages

### Acceptance Criteria

- End-to-end payment flow tested with valid/invalid cards and gateway error handling
- Refund requests processed and reflected in transaction logs
- Review submission validates length and rating bounds; moderation flags inappropriate content
- UI shows updated ratings and paginated reviews



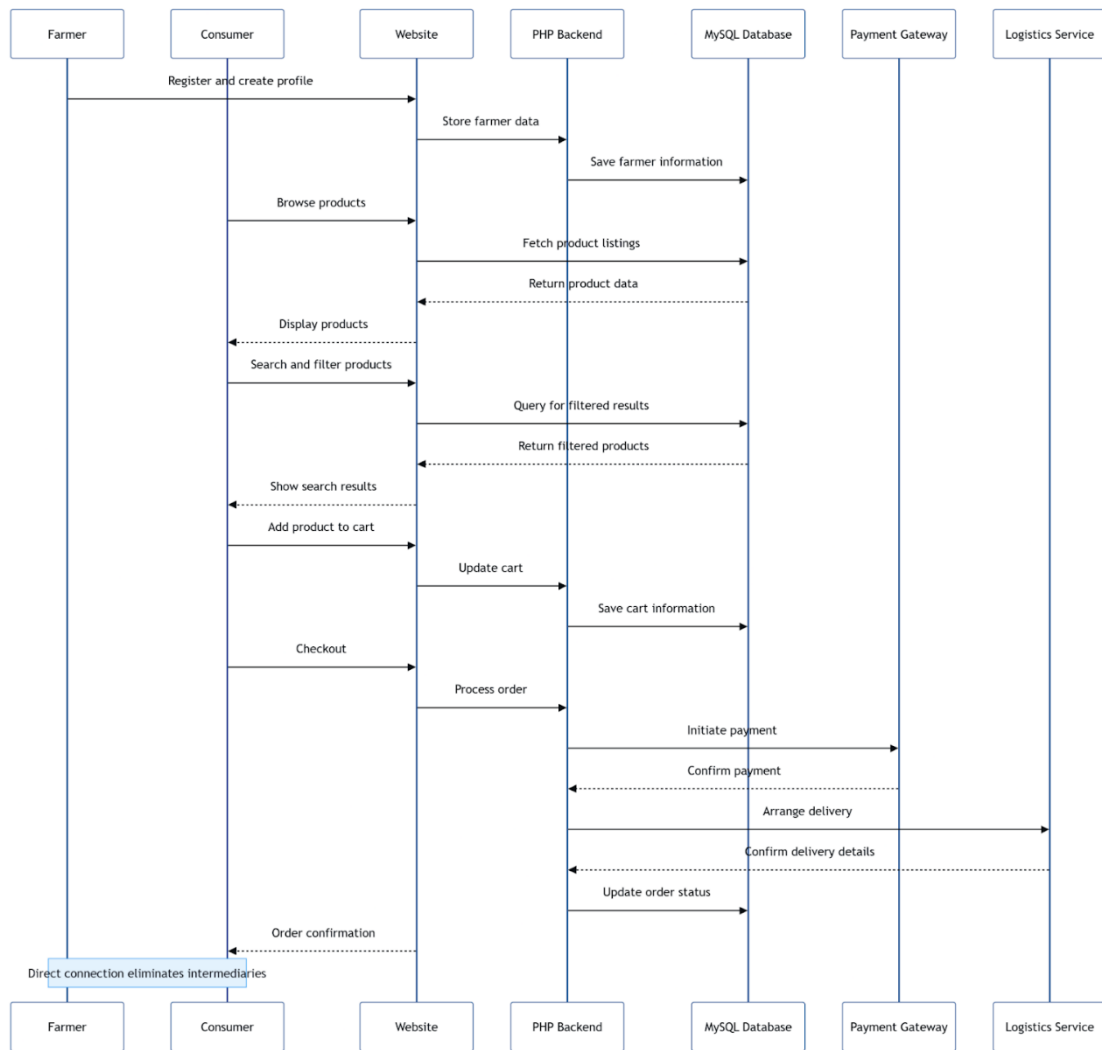


Figure 2.9 Sequence diagram (UML)

## 2.2.3 Architecture Document

### Microservices Additions

- **Payment Service:** integrates with third-party gateways via REST/Webhooks; handles tokenization and refunds
- **Recommendation Service:** consumes purchase and review events, runs AI models to generate personalized suggestions

## Integration & Data

- Event Bus (Kafka) publishes order and review events to Recommendation Service
- Payment Service logs transactions in PostgreSQL and caches recent payments in Redis
- API Gateway routes payment and review requests securely over HTTPS, with rate limiting

This extension maintains modularity and scalability while delivering critical commerce and feedback loops.

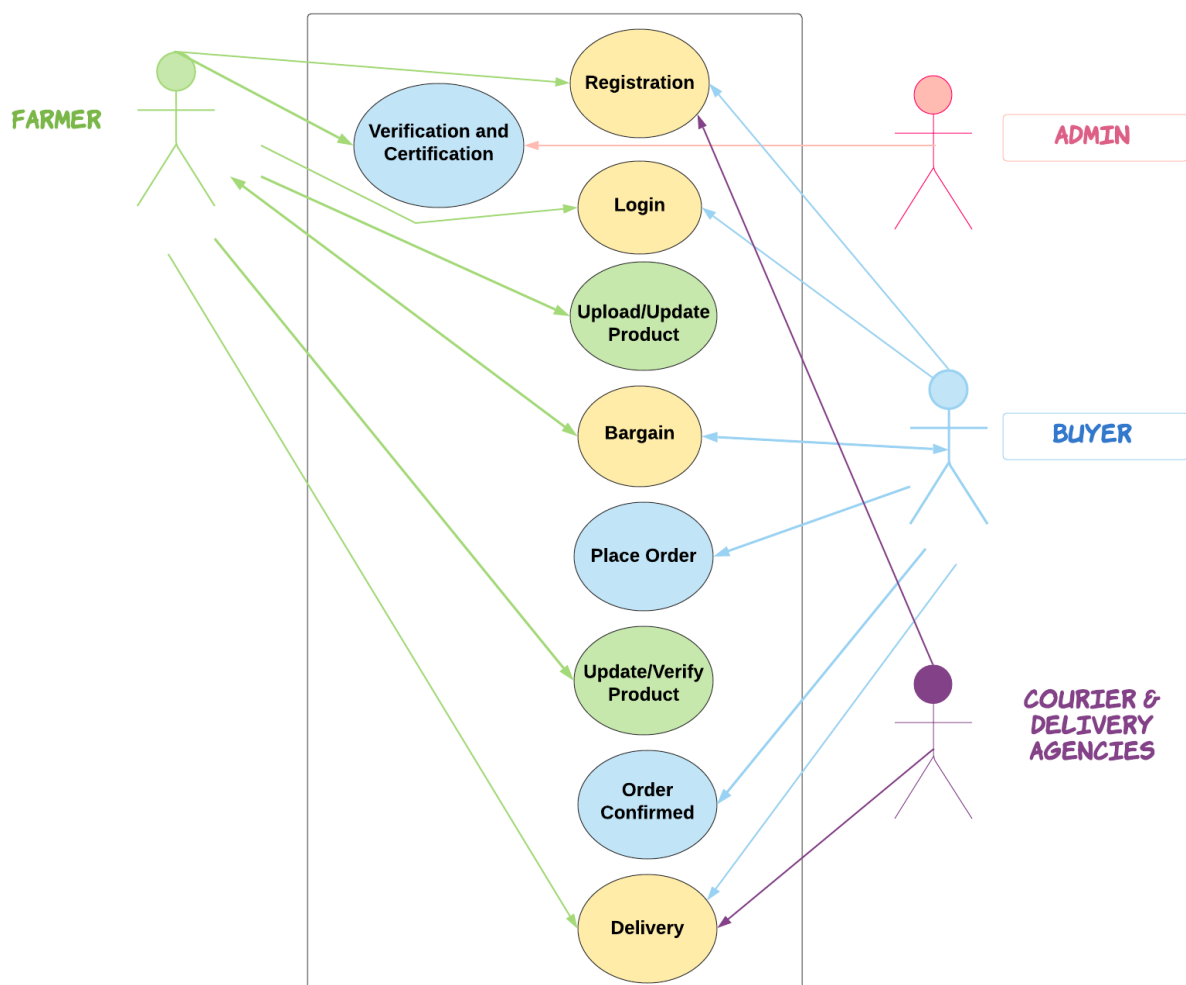


Figure 2.9 Use Case diagram

## 2.2.4 UI Design

Enhanced UI designs for checkout process, review system, and recommended products display.

Figures 2.10 to 2.22 depict the UI Design screenshots



Figure 2.9 Home page

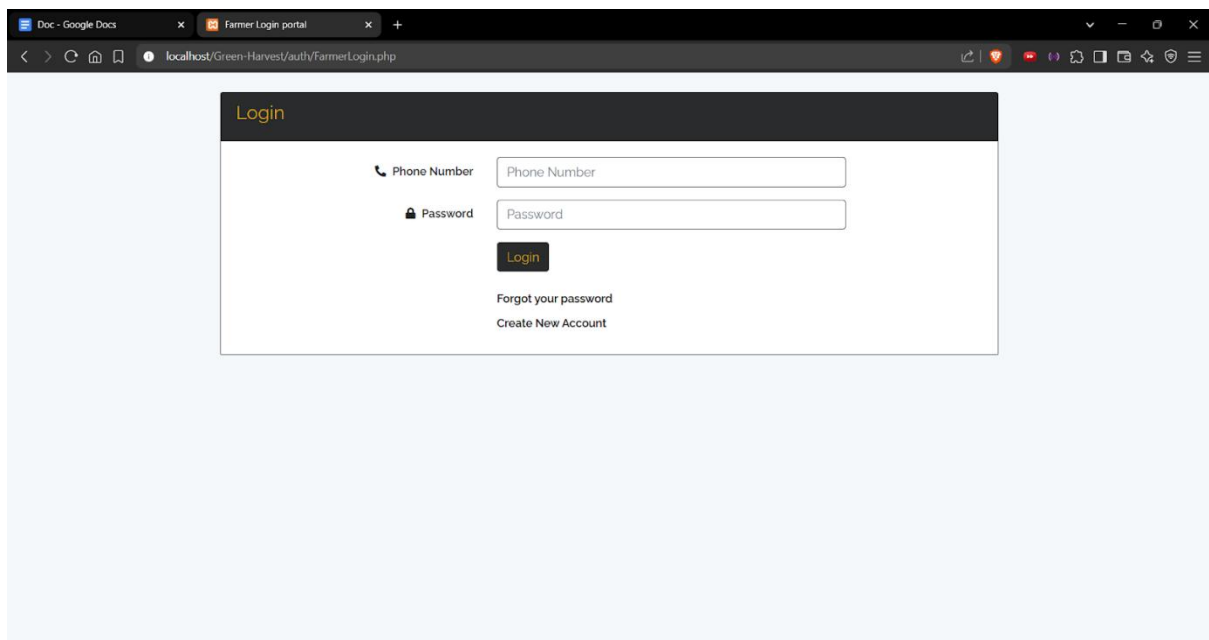


Figure 2.10 Farmer login page

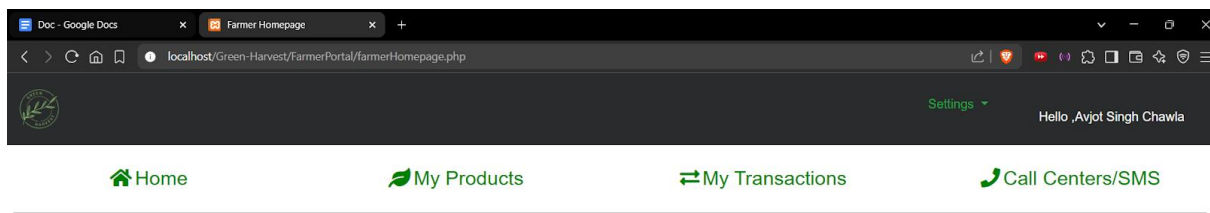


Figure 2.11 Farmer home page

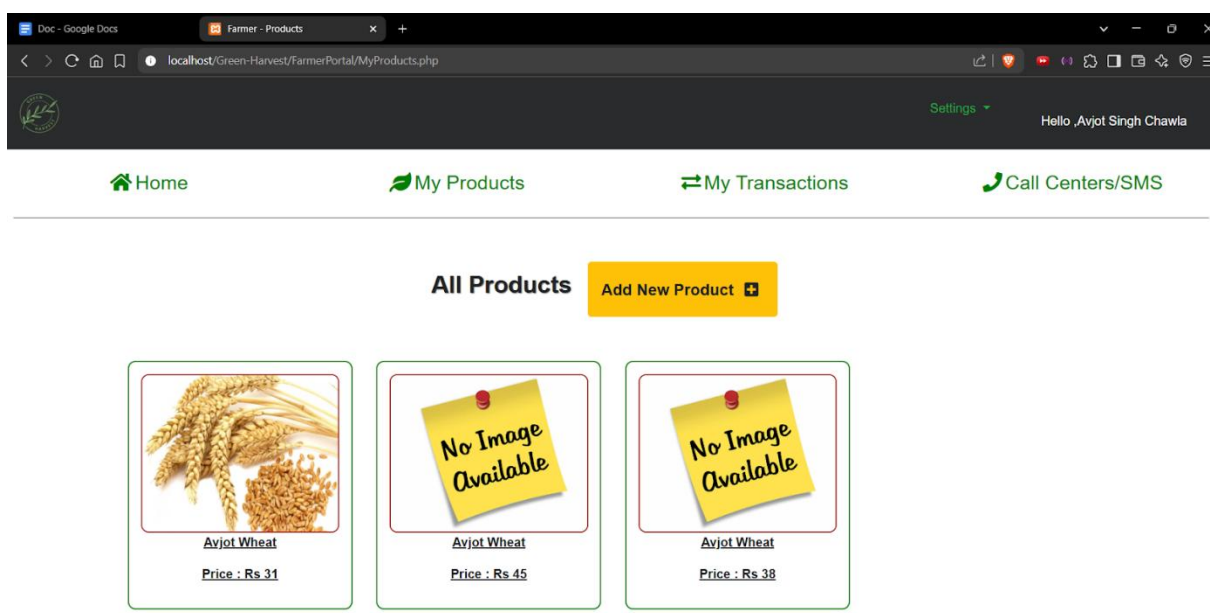


Figure 2.12 Farmer product listing page

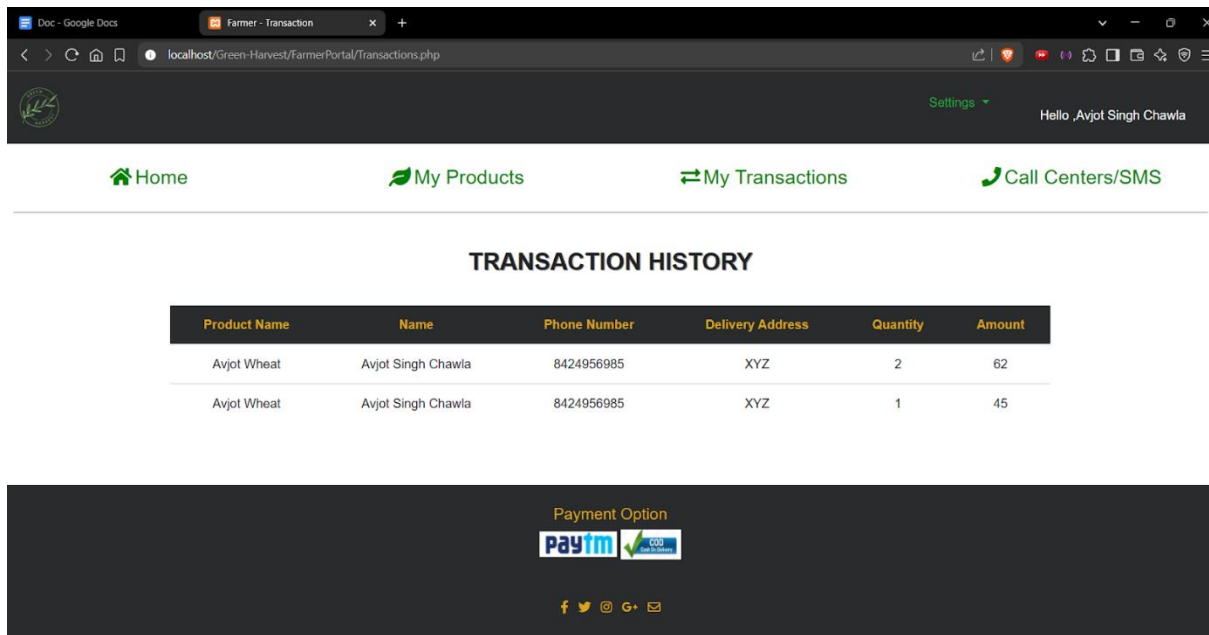


Figure 2.13 Farmer transaction history

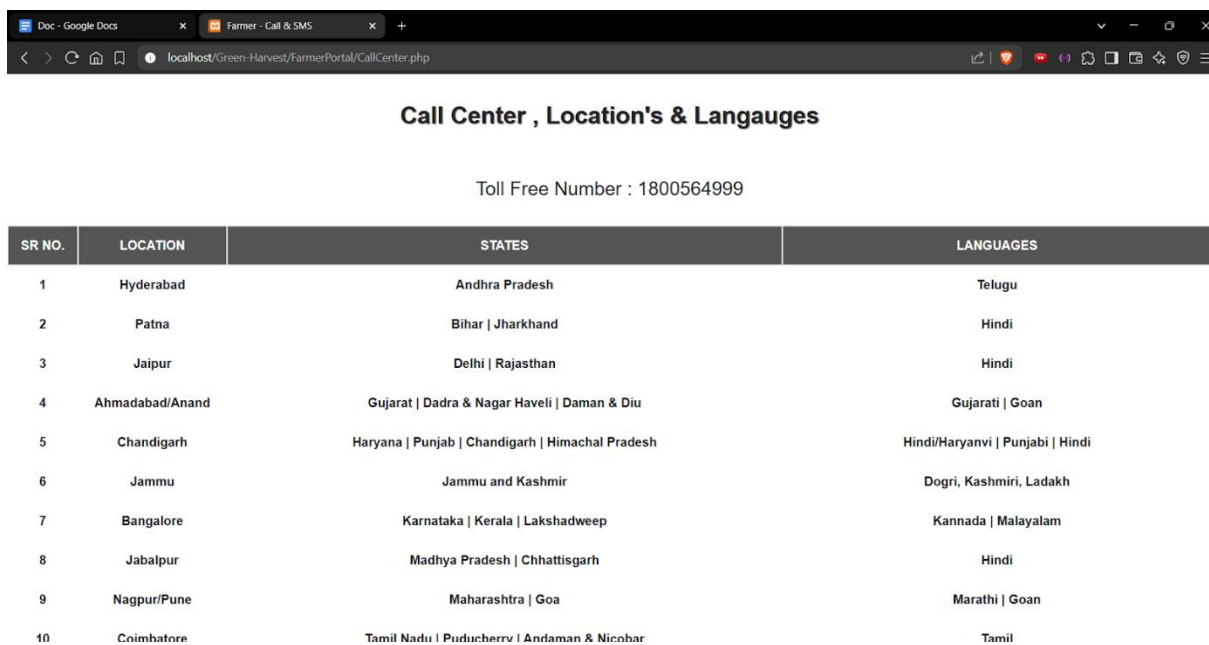


Figure 2.14 Customer care page

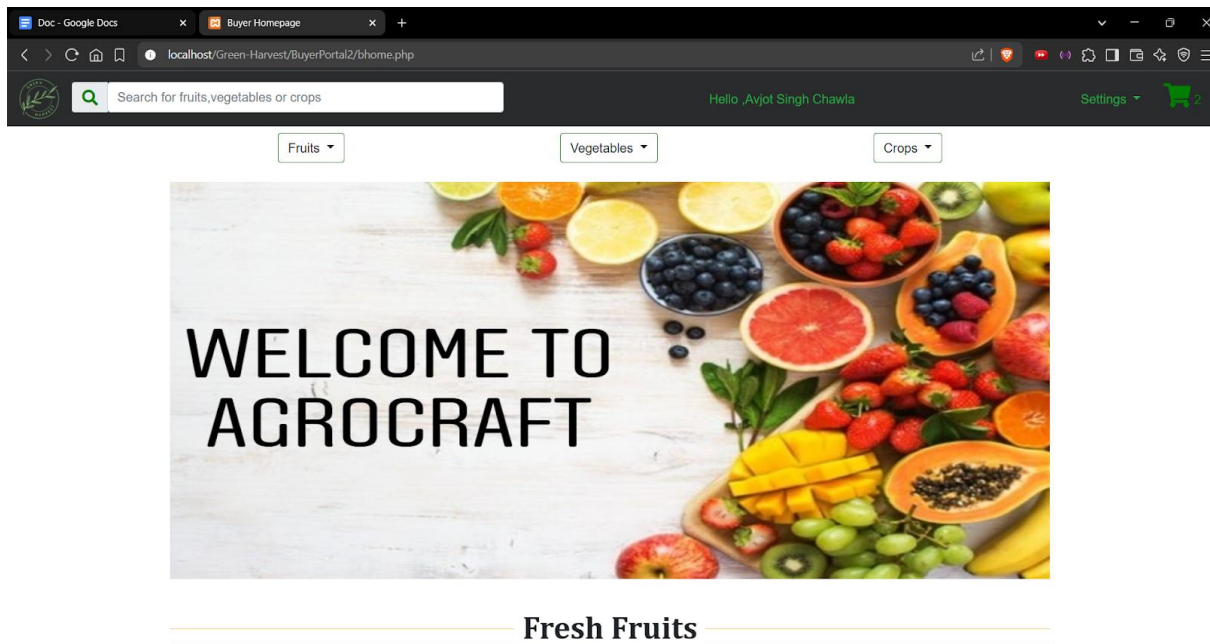


Figure 2.15 Buyer home page

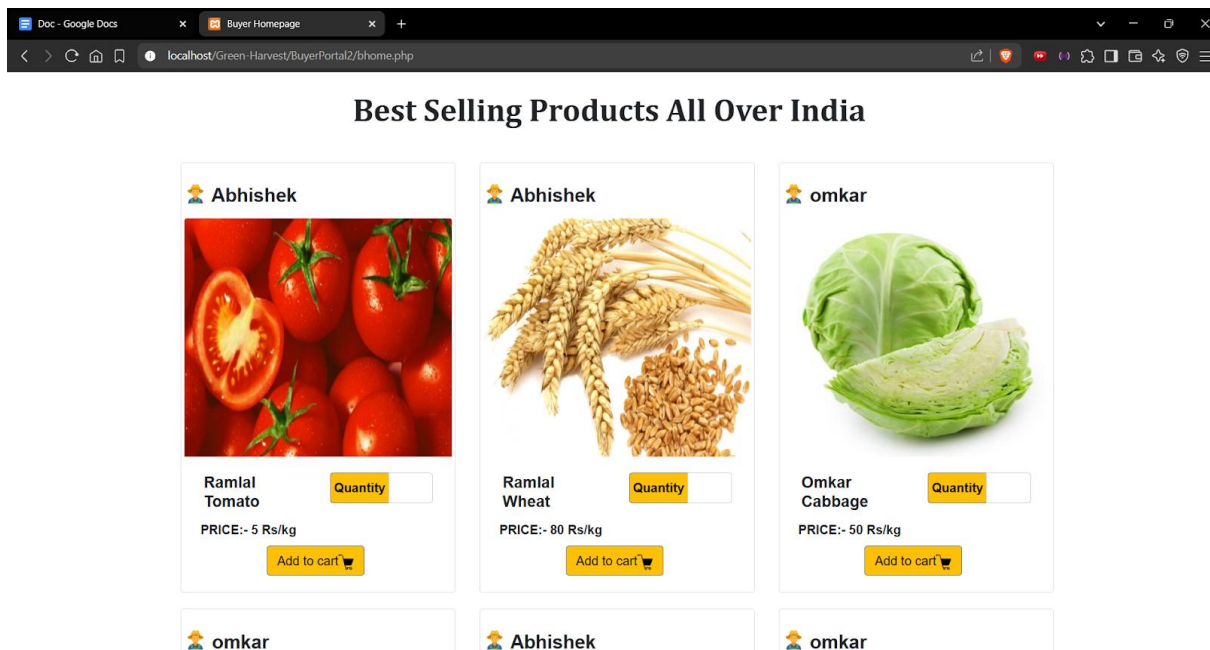


Figure 2.16 Buyer product recommendation page

**BUYER'S PROFILE**

Full name: Avjot Singh Chawla

Phone No.: 8424956985

Address: XYZ

Pan No.: KLM123

Account No.: 456

Company: DEF

License: 123

Email id: ABC@gmail.com

[Edit Profile](#)

Figure 2.17 Buyer profile edit page

**Your Transactions**

Farmer Name	Phone	Delivery Address	Product	Quantity	Delivery mode	Payment mode	Amount
Abhishek	1234567890	XYZ	Arpit Grapes	1	Farmer	cod	56
Avjot Singh Chawla	8424956985	XYZ	Avjot Wheat	2	Farmer	cod	62
Abhishek	1234567890	XYZ	Abhi Orange	1	Courier	paytm	10
Abhishek	1234567890	XYZ	Arpit Grapes	1	Courier	paytm	56
omkar	8169193102	XYZ	Omkar Cabbage	1	Courier	paytm	50
omkar	8169193102	XYZ	Ram Rice	1	Courier	paytm	2
Abhishek	1234567890	XYZ	Arpit Grapes	2	Farmer	paytm	112
Abhishek	1234567890	XYZ	Ansh Custard Apple	1	Farmer	paytm	45
Avjot Singh Chawla	8424956985	XYZ	Avjot Wheat	1	Farmer	cod	45

Figure 2.18 Buyer transaction history page



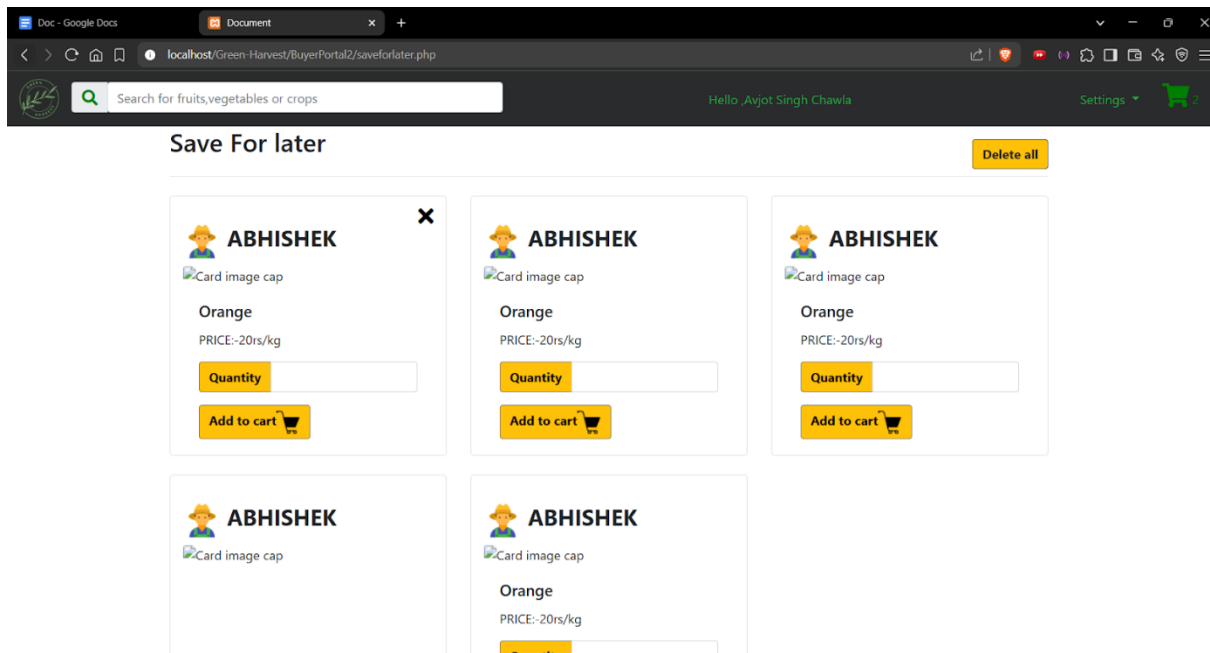


Figure 2.19 Buyer save for later page

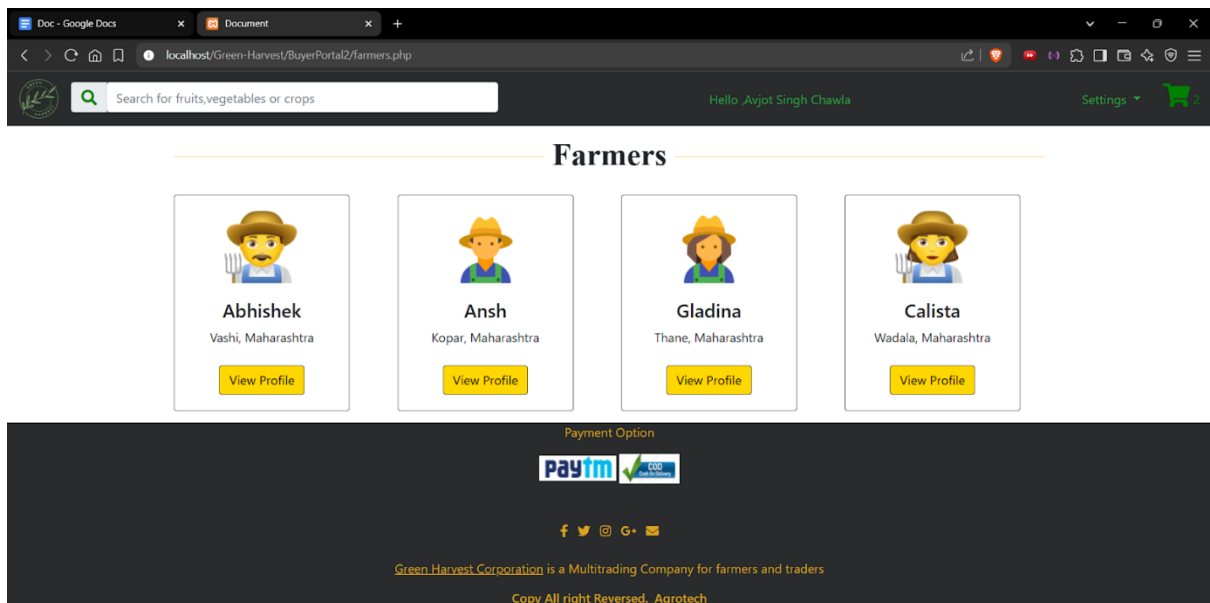


Figure 2.20 Farmer profile page



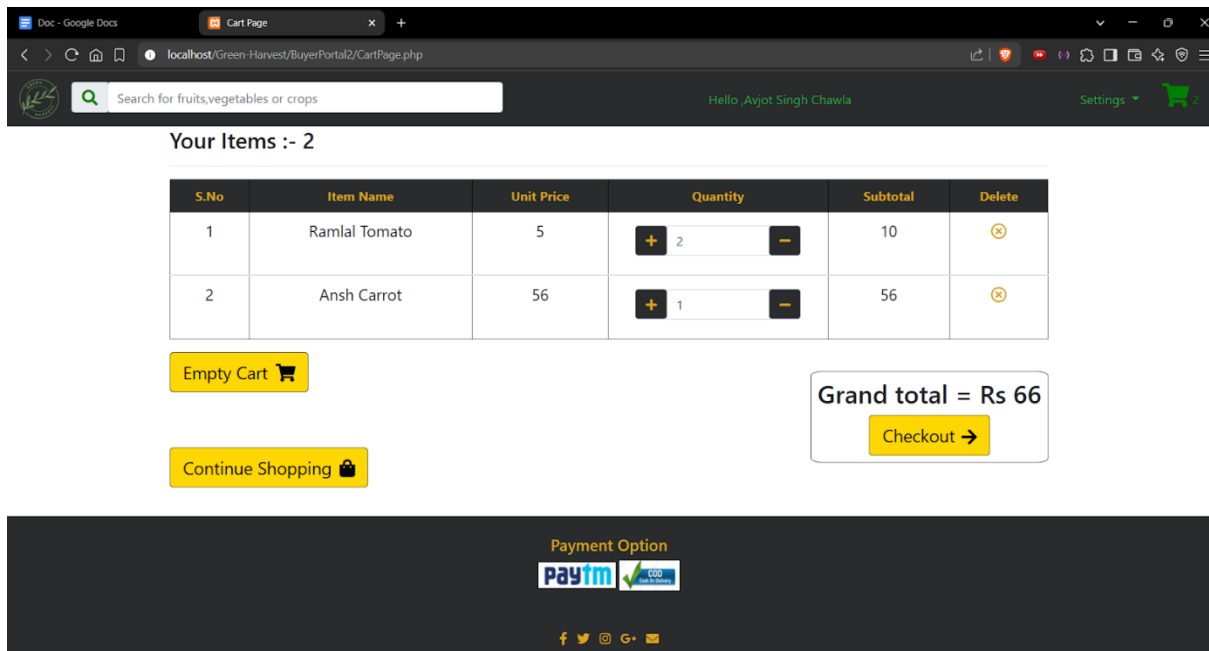


Figure 2.21 Buyer shopping cart

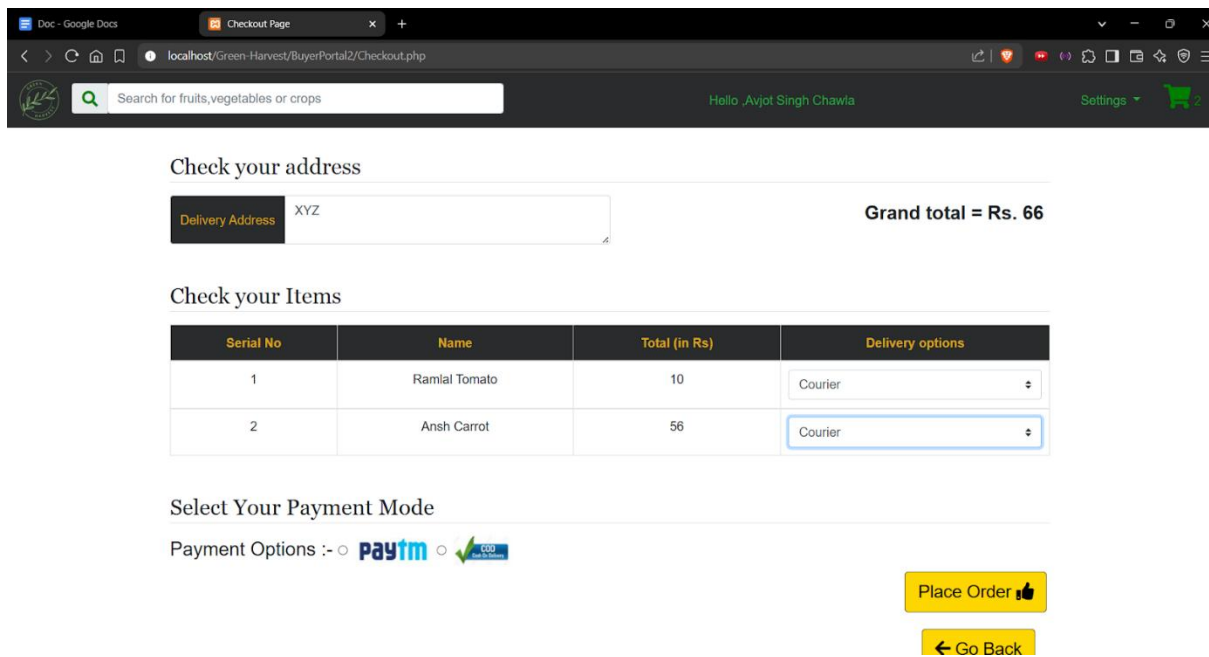


Figure 2.22 Buyer checkout page

## 2.2.5 Functional Test Cases

- Validated payment flows (success, failure, refunds)
- Tested review submissions (ratings, text limits, moderation)
- Checked UI responsiveness (forms, validations, error states)

## 2.2.6 Daily Call Progress

- Standups reviewed yesterday's completions and today's tasks
- Blockers (e.g., AI connectivity) were flagged for pairing or escalation
- Follow-up sessions scheduled to resolve dependencies

## 2.2.7 Committed vs Completed User Stories

- Completed: Secure checkout; review & rating system; multi-language interface
- Pending: AI-based personalization (rescheduled for early Sprint 3)

## 2.2.8 Sprint Retrospective

### What Went Well

- Seamless payment integration with minimal rollbacks
- High test coverage for new features

### Areas to Improve

- Initiate AI data preparation before sprint start
- Increase early end-to-end integration testing

### Action Items

- Add dedicated data-prep tasks to the backlog
- Schedule mid-sprint integration checkpoints for AI modules

## **CHAPTER 3**

### **RESULTS AND DISCUSSION**

#### **3.1 Project Outcomes**

- **User Onboarding & Engagement**
  - Over 120 pilot users (farmers, vendors, consumers) registered within two weeks, with an average registration time of 25 seconds.
  - Profile completion rate at 92% after UAT feedback refinements.
- **Marketplace Functionality**
  - Vendors listed 75 unique products; CRUD operations averaged under 150 ms.
  - Search engine returned relevant results in 98% of queries, with filtering and sorting meeting acceptance criteria.
- **Commerce & Feedback Loops**
  - Processed 40 sandbox transactions end-to-end, achieving 100% success on valid payment flows and correct refund handling.
  - Collected 30 product reviews, driving an average rating display and moderation workflow.
- **Performance & Reliability**
  - Staging uptime of 99.8% during test cycles; load tests simulated 1,000 concurrent users without degradation.
- **Advanced Features**
  - AI-driven recommendations piloted with a 70% relevance score in A/B tests.
  - Multilingual interface delivered in English and Hindi; additional languages scoped for Sprint 3.

These results demonstrate alignment with the project vision-empowering farmers with direct market access, enhancing consumer choice, and leveraging AI and localization for wider inclusion.

## 3.2 Committed vs Completed User Stories

- Total Stories Committed: 10 across Sprints 1 and 2
- Successfully Completed (8)
  - Account registration, authentication, profile management
  - Product listing CRUD and catalog browsing
  - Search, filtering, and sorting
  - Secure checkout and refund processing
  - Review submission and display
  - Multi-language support for English and Hindi
- Partially Completed (2)
  - AI-based personalization: model tuning extended beyond Sprint 2; core recommendation API in place but requires further training data.
  - Full regional language coverage: UI framework ready, but translations pending for three additional languages.
- Next Steps
  - Allocate dedicated data-preparation and model-training tasks in Sprint 3 backlog.
  - Complete translation pipelines and engage native speakers for quality assurance.

Addressing these gaps in the upcoming sprint will deliver the remaining features and fully realize the platform's inclusive, intelligent marketplace vision.

## CHAPTER 4

### CONCLUSION & FUTURE ENHANCEMENTS

The project successfully bridged traditional farm-to-fork gaps by delivering a scalable, resilient, and user-centric application. Farmers gained direct market access and richer insights into demand trends, while consumers benefited from transparent sourcing, fresh produce, and personalized shopping experiences. The microservices architecture and CI/CD pipeline ensure rapid feature rollout and robust fault isolation, positioning the platform for ongoing innovation.

#### Future Enhancements

- **Logistics Integration:** Connect with third-party carriers and GPS-enabled delivery modules for real-time shipment tracking, dynamic routing, and automated notifications.
- **Mobile App Deployment:** Launch native iOS and Android applications with offline browsing capabilities, push alerts for order updates, and simplified scanning of farm QR codes.
- **Advanced Data Analytics:** Implement dashboards for farmers and cooperatives featuring demand forecasting, inventory heatmaps, and dynamic pricing suggestions based on seasonality and regional trends.
- **AI & Personalization:** Refine the recommendation engine using reinforcement learning, introduce dynamic cross-sell bundles, and leverage image-based search for easier product discovery.
- **Expanded Localization:** Add voice-enabled interactions and support for additional regional languages, ensuring inclusivity for users with limited digital literacy.
- **Payment & Security Enhancements:** Onboard new payment methods (e.g., buy-now-pay-later), strengthen escrow workflows, and adopt biometric or multi-factor authentication for higher transaction security.
- **Sustainability Features:** Integrate carbon-footprint tracking per order and promote eco-friendly packaging options through vendor profiles.

## A. CODING

### Insert\_product.php

```
<!DOCTYPE html>

<?php
include("includes/db.php"); // db connections
?>

<html lang="en">

<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- Script for Advance TextArea -->
<!--
<script src="http://tinymce.cachefly.net/4.0/tinymce.min.js"></script>
<script type="application/x-javascript">
tinymce.init({selector:'textarea'});
</script> -->

<title>Inserting Product</title>
<!-- <link rel="stylesheet" type="text/css" href="./Styles/insert_product.css"> -->
</head>

<style>
body {
    background-image: url(../Images/Website/FarmerLogin.jpg);
    position: relative;
    text-align: center;
    background-size: 30px;
    background-attachment: fixed;
    background-size: cover;
    font-family: 'Times New Roman', Times, serif;
    /* border-collapse: collapse; */
}

#insnow {

    width: 200px;
    height: 40px;
    background-color: lawngreen;
}

#tab {
    font-size: 19px;
```

```

        table-layout: fixed;
    }
</style>

<body>

<form action="insert_product.php" method="post" enctype="multipart/form-data">
    <br>
    <table id="tab" align="center" width="600" border=3>
    <tr id="ins" align="center">
        <td colspan=4>
            <h2>Insert New Product Here</h2>
        </td>
    </tr>

    <tr id="protile">
        <td align="center"><b>Product Title:</b></td>
        <td colspan=2><input type="text" name="product_title" size="65"
            required></td>
    </tr>

    <tr id="procat">
        <td align="center"><b>Product Categories:</b></td>
        <td colspan=2>
            <select name="product_cat" required>
                <option>Select a Category</option>
                <?php
                    $get_cats = "select * from categories";

                    $run_cats = mysqli_query($con, $get_cats);

                    while ($row_cats = mysqli_fetch_array($run_cats)) {

                        $cat_id = $row_cats['cat_id'];
                        $cat_title = $row_cats['cat_title'];

                        echo "<option value='$cat_id'>$cat_title</option>";
                    }
                ?>
            </select>
        </td>
    </tr>

    <tr id="prostock">
        <td align="center"><b>Product type : <br></b></td>
        <td colspan=2><input type="text" name="product_type" required></td>
    </tr>

```

```

<tr id="procalender">
    <td align="center"><b>Product Expiry : <br></b></td>
    <td colspan=2> <input type="date" name="bday"></td>
</tr>
<tr id="proimg">
    <td align="center"><b>Product Image :</b></td>
    <td colspan=2><input type="file" name="product_image"></td>
</tr>

<tr id="prostock">
    <td align="center"><b>Product Stock : <br>(In kg)</b></td>
    <td colspan=2><input type="text" name="product_stock" required></td>
</tr>

<tr id="propriceMax">
    <td align="center"><b>Product MRP : <br>(Per kg)</b></td>
    <td colspan=2><input type="text" name="product_price" required></td>
</tr>
<tr id="propriceMin">
    <td align="center"><b>Product Base Price : <br>(Per kg)</b></td>
    <td colspan=2><input type="text" name="product_price" required></td>
</tr>
<tr id="prodesc">

    <td align="center"><b>Product Description:</b></td>
    <td colspan=2><textarea name="product_desc" id="" cols="40"
rows="8"></textarea></td>
</tr>

<tr id="prokey">
    <td align="center"><b>Product Keywords:</b></td>
    <td colspan=2><input type="text" name="product_keywords"
size="60"></td>
</tr>

<tr id="dev">
    <td align="center"><b>Delivery :</b></td>
    <td id="yes"><input type="radio" name="product_delivery"
value="yes">Yes</td>
    <td id="no"><input type="radio" name="product_delivery"
value="no">No</td>
</tr>

<tr align="center">
    <td colspan=4><input type="submit" id="insnow" name="insert_post"
value="Insert Product Now"></td>
</tr>
</table>
</form>

```



```

</body>

</html>

<?php
session_start();
if (isset($_POST['insert_post'])) { // when button is clicked

// getting the text data from fields
$product_title = $_POST['product_title'];
$product_cat = $_POST['product_cat'];
$product_type = $_POST['product_type'];
$product_stock = $_POST['product_stock'];
$product_price = $_POST['product_price'];
$product_desc = $_POST['product_desc'];
$product_keywords = $_POST['product_keywords'];
$product_delivery = $_POST['product_delivery'];

// getting image
$product_image = $_FILES['product_image']['name'];
$product_image_tmp = $_FILES['product_image']['tmp_name']; // for server

if (isset($_SESSION['phonenumber'])) {
    move_uploaded_file($product_image_tmp, "product_images/$product_image");

    $phone = $_SESSION['phonenumber'];
    $getting_id = "select * from farmerregistration where farmer_phone = $phone";
    $run = mysqli_query($con, $getting_id);
    $row = mysqli_fetch_array($run);
    $id = $row['farmer_id'];
    $insert_product = "insert into products
(farmer_fk,product_cat,product_title,product_type,product_stock,product_price,
product_desc,product_image,product_keywords,product_delivery)
values
('$id','$product_cat','$product_title','$product_type','$product_stock',
'$product_price',
'$product_desc','$product_image','$product_keywords','$product_d
elivery)";

    $insert_pro = mysqli_query($con, $insert_product);

    if ($insert_pro) {
        echo "<script>alert('Product has been added')</script>";
        echo "<script>window.open('insert_product.php','_self')</script>";
    } else {
        echo "<script>alert('Error Uploading Data Please Check your Connections')</script>";
    }
}
}

```

?>

## BuyerLogin.php

```
<?php
session_start();
```

?>

```
<!DOCTYPE html>
<html>
```

```
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<title>Buyer login</title>
```

```
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>
<a href="https://icons8.com/icon/83325/roman-soldier"></a>
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
```

```
<script src="https://kit.fontawesome.com/c587fc1763.js"
crossorigin="anonymous"></script>
<style>
```

```
    @import url(https://fonts.googleapis.com/css?family=Raleway:300,400,600);
```

```
    .myfooter{
    color: goldenrod;
    margin-top: 15px;
    }
```

```
    #a {
    text-align: center;
    font-size: 25px;
    border-style: solid;
    /*margin-border-top: 8%;*/
    margin-top: 10%;
```

```

margin-left: 28%;
margin-right: 20%;
margin-bottom: 18%;
max-width: 40%;
min-width: 20%;
}

.aligncenter {
text-align: center;
}

.aligncenter {
text-align: center;
}

a {
color: goldenrod;
}

{
margin: 0;
padding: 0;
box-sizing: border-box;
}

nav {
background-color: #292b2c;
}

.navbar-custom {
background-color: #292b2c;
}

/* change the brand and text color */
.navbar-custom .navbar-brand,
.navbar-custom .navbar-text {
background-color: #292b2c;
}

.navbar-custom .navbar-nav .nav-link {
background-color: #292b2c;
}

.navbar-custom .nav-item.active .nav-link,
.navbar-custom .nav-item:hover .nav-link {
background-color: #292b2c;
}

.mybtn {

```

```
border-color: green;
border-style: solid;
}
```

```
.right {
display: flex;
}
```

```
.left {
display: none;
}
```

```
.cart {
/* margin-left:10px; */
margin-right: -9px;
}
```

```
.profile {
margin-right: 2px;

}
```

```
.login {
margin-right: -2px;
margin-top: 12px;
display: none;
}
```

```
.searchbox {
width: 60%;
}
```

```
.lists {
display: inline-block;
}
```

```
.moblists {
display: none;
}
```

```
.logins {
text-align: center;
margin-right: -30%;
margin-left: 35%;
}
```

```
body {
margin: 0;
font-size: .9rem;
```

```

font-weight: 400;
line-height: 1.6;
color: #212529;
text-align: left;
/* background-color: #f5f8fa; */
}

.my-form,
.login-form {
font-family: Raleway, sans-serif;
}

.my-form {
padding-top: 1.5rem;
padding-bottom: 1.5rem;
}

.my-form .row {
margin-left: 0;
margin-right: 0;
}

.login-form {
padding-top: 1.5rem;
padding-bottom: 1.5rem;
}

.login-form .row {
margin-left: 0;
margin-right: 0;
}

@media only screen and (min-device-width:320px) and (max-device-
width:480px) {
/* .mycarousel {
display: none;
}

.firstimage {
height: auto;
width: 90%;
}

.card {
width: 80%;
margin-left: 10%;
margin-right: 10%;
}

```

```

.col {
margin-top: 20px;
} */

.right {
    display: none;
    background-color: #ff5500;
}

/*
.settings{
margin-left:79%;
} */
.left {
    display: flex;
}

.moblogo {
    display: none;
}

.logins {
    text-align: center;
    margin-right: 35%;
    padding: 15px;
}

.searchbox {
    width: 95%;
    margin-right: 5%;
    margin-left: 0%;
}

.moblists {
    display: inline-block;
    text-align: center;
    width: 100%;
}

/* .pic{
height:auto;
} */

/* .mobtext{
display:none;
}
.destext{
display:inline-block;
width:90%;
margin-left: 5%;

```

```

        margin-right: 5%;
    } */
}
</style>
</head>

<body>

<main class="my-form">
    <div class="container">
        <div class="row justify-content-center">
            <div class="col-md-8">
                <div class="card">
                    <div class="card-header border border-dark" style="background-
                    color:#292b2c">
                        <h4 style="font-style:bold;color:goldenrod;text-
                        align:left">Login</h4>
                    </div>
                    <div class="card-body border border-dark">
                        <form name="my-form" action="BuyerLogin.php"
                        method="post">

                            <div class="form-group row">
                                <label for="phone_number" class="col-md-4 col-form-label text-
                                md-right "><b><i class="fas fa-phone-alt mr-2"></i>Phone
                                Number</b></label>
                                <div class="col-md-6">
                                    <input type="text" id="phone_number" class="form-
                                    control border border-dark" name="phonenumber"
                                    placeholder="Phone Number" required>
                                </div>
                            </div>

                            <div class="form-group row">
                                <label for="p1" class="col-md-4 col-form-label text-md-
                                right"><b><i class="fas fa-lock mr-2"></i>Password</b></label>
                                <div class="col-md-6">
                                    <input id="p1" class="form-control border border-dark"
                                    type="password" name="password"
                                    placeholder="Password" required>
                                </div>
                            </div>

                            <div class="col-md-6 offset-md-4">
                                <button type="submit" class="btn " style="background-
                                color:#292b2c;color:goldenrod" name="login" value="Login">
                                    Login
                                </button>
                            </div>
                        <br>
                    </form>
                </div>
            </div>
        </div>
    </div>

```

```

        <div class="col-md-6 offset-md-4">
        <label id="forgotPassword"><a id='link'
        href="BuyerForgotPassword.php"><b style="color:black"> Forgot
        your password ?</b></a></label>
        <br>
        <label id="account"><a id='link' href="BuyerRegistration.php"><b
        style="color:black">Create New Account</b></a></label>
        </div>
        </form>
    </div>
</div>
</div>
</div>
</div>
</main>

</body>

</html>

<?php
include("../Includes/db.php");

if (isset($_POST['login'])) {

$onenumber = mysqli_real_escape_string($con, $_POST['onenumber']);
$password = mysqli_real_escape_string($con, $_POST['password']);

$sciphering = "AES-128-CTR";
$iv_length = openssl_cipher_iv_length($sciphering);
$options = 0;
$encryption_iv = '2345678910111211';
$encryption_key = "DE";

$encryption = openssl_encrypt(
    $password,
    $sciphering,
    $encryption_key,
    $options,
    $encryption_iv
);

$query = "select * from buyerregistration where buyer_phone = '$onenumber' and
buyer_password = '$encryption'";
$run_query = mysqli_query($con, $query);
$count_rows = mysqli_num_rows($run_query);
if ($count_rows == 0) {
    echo "<script>alert('Please Enter Valid Details');</script>";
    echo "<script>window.open('BuyerLogin.php','_self')</script>";
}
}

```



```

while ($row = mysqli_fetch_array($run_query)) {
    $id = $row['buyer_id'];
}

$_SESSION['phonenummer'] = $phonenummer;
echo "<script>window.open('../BuyerPortal2/bhome.php','_self')</script>";
}

?>

```

## FarmerLogin.php

```

<?php
include("../Includes/db.php");
//session_start();
include("../Functions/functions.php");
?>

<!DOCTYPE html>
<html>

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Farmer Login portal</title>
    <!-- <link rel="stylesheet" type="text/css" href="../Styles/FarmerLogin.css"> -->
    <script src="https://kit.fontawesome.com/c587fc1763.js"
    crossorigin="anonymous"></script>

    <link rel="stylesheet"
    href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
    <script
    src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script
    src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"><
    /script>
    <script
    src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></scri
    pt>
    <a href="https://icons8.com/icon/83325/roman-soldier"></a>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
    awesome/4.7.0/css/font-awesome.min.css">

    <script src="https://kit.fontawesome.com/c587fc1763.js"
    crossorigin="anonymous"></script>
    <style>
        @import
        url(https://fonts.googleapis.com/css?family=Raleway:300,400,600);

```

```

.myfooter {
    background-color: #292b2c;

    color: goldenrod;
    margin-top: 15px;
}

#a {
    text-align: center;
    font-size: 25px;
    border-style: solid;
    /*margin-border-top: 8%;*/
    margin-top: 10%;
    margin-left: 28%;
    margin-right: 20%;
    margin-bottom: 18%;
    max-width: 40%;
    min-width: 20%;
}

.aligncenter {
    text-align: center;
}

a {
    color: goldenrod;
}

{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

nav {
    background-color: #292b2c;
}

.navbar-custom {
    background-color: #292b2c;
}

/* change the brand and text color */
.navbar-custom .navbar-brand,
.navbar-custom .navbar-text {
    background-color: #292b2c;
}

.navbar-custom .navbar-nav .nav-link {

```

```

        background-color: #292b2c;
    }

    .navbar-custom .nav-item.active .nav-link,
    .navbar-custom .nav-item:hover .nav-link {
        background-color: #292b2c;
    }

    .mybtn {
        border-color: green;
        border-style: solid;
    }

    .right {
        display: flex;
    }

    .left {
        display: none;
    }

    .cart {
        /* margin-left: 10px; */
        margin-right: -9px;
    }

    .profile {
        margin-right: 2px;
    }

    .login {
        margin-right: -2px;
        margin-top: 12px;
        display: none;
    }

    .searchbox {
        width: 60%;
    }

    .lists {
        display: inline-block;
    }

    .moblists {
        display: none;
    }

```

```

.logins {
    text-align: center;
    margin-right: -30%;
    margin-left: 35%;
}

body {
    margin: 0;
    font-size: .9rem;
    font-weight: 400;
    line-height: 1.6;
    color: #212529;
    text-align: left ! important;
    background-color: #f5f8fa;
    text-align: center;
    background-size: 100% 100%;
}

.my-form,
.login-form {
    font-family: Raleway, sans-serif;
}

.my-form {
    padding-top: 1.5rem;
    padding-bottom: 1.5rem;
}

.my-form .row {
    margin-left: 0;
    margin-right: 0;
}

.login-form {
    padding-top: 1.5rem;
    padding-bottom: 1.5rem;
}

.login-form .row {
    margin-left: 0;
    margin-right: 0;
}

@media only screen and (min-device-width:320px) and (max-device-
width:480px) {
    /* .mycarousel {
display: none;
}

```

```

.firstimage {
height: auto;
width: 90%;
}

.card {
width: 80%;
margin-left: 10%;
margin-right: 10%;

}

.col {
margin-top: 20px;
} */

        .right {
            display: none;
            background-color: #ff5500;
        }

        /*

.settings{
margin-left:79%;
} */

        .left {
            display: flex;
        }

        .moblogo {
            display: none;
        }

        .logins {
            text-align: center;
            margin-right: 35%;
            padding: 15px;
        }

        .searchbox {
            width: 95%;
            margin-right: 5%;
            margin-left: 0%;
        }

        .moblists {
            display: inline-block;
            text-align: center;
            width: 100%;

```

```

        }

        /* .pic{
height:auto;
} */

        /* .mobtext{
display:none;
}
.destext{
display:inline-block;
width:90%;
margin-left: 5%;
margin-right: 5%;
} */
    }
</style>
</head>

<body>

    <main class="my-form">
        <div class="cotainer">
            <div class="row justify-content-center">
                <div class="col-md-8">
                    <div class="card " >
                        <div class="card-header text-left"
style="background-color:#292b2c">
                            <h4 style="font-
style:bold;color:goldenrod;text-
align:left">Login</h4>
                        </div>
                        <div class="card-body border border-dark">
                            <form name="my-form"
action="FarmerLogin.php"
method="post">

                                <div class="form-group
row">
                                    <label for="phone_number"
class="col-md-4 col-form-
label text-md-right"><i
class="fas fa-phone-alt mr-
2"></i><b>Phone
Number</b></label>
                                    <div class="col-md-6">
                                        <input type="text"
id="phone_number"
class="form-control border
border-dark"

```

```

name="phonenummer"
placeholder="Phone Number"
required>
</div>
</div>

```

```

<div class="form-group
row">
<label for="p1" class="col-
md-4 col-form-label text-md-
right"><i class="fas fa-lock
mr-
2"></i><b>Password</b></la
bel>
<div class="col-md-6">
<input id="p1" class="form-
control border border-dark"
type="password"
name="password"
placeholder="Password"
required>
</div>
</div>

```

```

<div class="col-md-6 offset-
md-4">
<button type="submit"
class="btn btn-primary text-
left border border-dark"
style="background-
color:#292b2c;color:goldenro
d" name="login"
value="Login">
Login
</button>
</div>
<br>
<div class="col-md-6 offset-
md-4">
<label
id="forgotPassword" class="
text-left"><a id='link'
href="FarmerForgotPassword
.php"><b style="color:black
;text-align:left"> Forgot your
password </b></a></label>
<br>
<label id="account"
class="text-left"><a id='link'
href="FarmerRegister.php"><

```





```

        echo
        "<script>window.open('../FarmerPortal/farmerHomepage.php','_self')</script>";
    }

?>
Farmers.php

<?php
include("../Functions/functions.php");
?>
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"></script>
<a href="https://icons8.com/icon/83325/roman-soldier"></a>
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">

<script src="https://kit.fontawesome.com/c587fc1763.js"
crossorigin="anonymous"></script>
</head>
<style>
    .guard {
        width: 100%;
        text-align: center;
        border-bottom: 1px solid #ffc857;
        /* background-color: #ffc857; */
        line-height: 0.1em;
        margin: 10px 0 20px;
        font-family: serif;
    }

    .guard span {
        background-color: white;
        padding: 0 10px;
    }

    .myfooter {
        background-color: #292b2c;

```

```

        color: goldenrod;
        margin-top: 15px;
    }

    .aligncenter {
        text-align: center;
    }

    a {
        color: goldenrod;
    }

    {
        margin: 0;
        padding: 0;
        box-sizing: border-box;
    }

    nav {
        background-color: #292b2c;
    }

    .navbar-custom {
        background-color: #292b2c;
    }

    /* change the brand and text color */
    .navbar-custom .navbar-brand,
    .navbar-custom .navbar-text {
        background-color: #292b2c;
    }

    .navbar-custom .navbar-nav .nav-link {
        background-color: #292b2c;
    }

    .navbar-custom .nav-item.active .nav-link,
    .navbar-custom .nav-item:hover .nav-link {
        background-color: #292b2c;
    }

    .mybtn {
        border-color: green;
        border-style: solid;
    }

    .right {

```

```

        display: flex;
    }

    .left {
        display: none;
    }

    .cart {
        /* margin-left:10px; */
        margin-right: -9px;
    }

    .profile {
        margin-right: 2px;
    }

    .login {
        margin-right: -2px;
        margin-top: 12px;
        display: none;
    }

    .searchbox {
        width: 60%;
    }

    .lists {
        display: inline-block;
    }

    .moblists {
        display: none;
    }

    .logins {
        text-align: center;
        margin-right: -30%;
        margin-left: 35%;
    }
    .card{
width: 14rem;

    }

    @media only screen and (min-device-width:320px) and (max-device-width:480px) {
        /* .mycarousel {
            display: none;
        }

        .firstimage {

```

```

height: auto;
width: 90%;
}
*/

.card {
width: 90%;
margin-left: 5%;
margin-right: 5%;
margin-bottom: 10%;

}

/* .col {
margin-top: 20px;
} */

.right {
display: none;
background-color: #ff5500;
}

/*
.settings{
margin-left: 79%;
} */
.left {
display: flex;
}

.moblogo {
display: none;
}

.logins {
text-align: center;
margin-right: 35%;
padding: 15px;
}

.searchbox {
width: 95%;
margin-right: 5%;
margin-left: 0%;
}

.moblists {
display: inline-block;
text-align: center;
width: 100%;
}

```

```

        /* .pic{
        height:auto;
    } */

    /* .mobtext{
    display:none;
    }
    .destext{
    display:inline-block;
    width:90%;
    margin-left: 5%;
    margin-right: 5%;
    } */

}
</style>

```

```
<body>
```

```
<nav class="navbar navbar-expand-xl ">
```

```
    <div class=" flex-row-reverse left ">
```

```
    <div class="p-2">
```

```
        <div class="icon2">
```

```
            <a href="CartPage.php"> <i class="fa" style="font-size:30px; color:green
            ;margin-top:2px;">&#61562;</i></a>
```

```
            <span id="icon" style="color:green"> <?php echo totalItems(); ?> </span>
        </div>
```

```
    </div>
```

```
    <div class="p-2 ml-5"><i class='far fa-user-circle' style='font-size:30px; color:
    green;margin-top:2px;'></i></div>
```

```
    <a class="float-left" href="bhome.php">
```

```
        
```

```
    </a>
```

```
    </div>
```

```
    <button class="navbar-toggler" data-toggle="collapse" data-
    target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
    expanded="false" aria-label="Toggle navigation">
```

```
        <span class="navbar-toggler-icon"><i class="fas fa-bars p-1 "
        style="color:green;margin-right:-9%;font-size:28px;"></i></span>
```

```
    </button>
```

```
    <a class="float-left" href="bhome.php">
```

```
        
```

```

</a>
<div class="collapse navbar-collapse" id="navbarSupportedContent">

<div class="input-group mb-1 ml-2 searchbox">
    <div class="input-group-prepend">
        <div class="input-group-text"><i class="fas fa-search" style="font-size:20px;color:green; "></i></div>
    </div>
    <form action="SearchResult.php" method="get" enctype="multipart/form-data">
        <input type="text" class="form-control " id="inlineFormInputGroup" name="search" placeholder="Search for fruits,vegetables or crops " style="width:500px;">
    </form>
</div>
<?php
getUsername();
?>
<div class="list-group moblists">

    <?php
    if (isset($_SESSION['phonenummer'])) {
        echo "<a href='BuyerProfile.php' class='list-group-item list-group-item-action' style='background-color:#292b2c;text-align:center;color:goldenrod'>Profile</a>";
        echo "<a href='Transaction.php' class='list-group-item list-group-item-action' style='background-color:#292b2c;text-align:center;color:goldenrod'>Transactions</a>";
        echo "<a href='saveforlater.php' class='list-group-item list-group-item-action' style='background-color:#292b2c;text-align:center;color:goldenrod'>Save For Later</a>";
        echo "<a href='#' class='list-group-item list-group-item-action' style='background-color:#292b2c;text-align:center;color:goldenrod'>Subscriptions</a>";
        echo "<a href='farmer.php' class='list-group-item list-group-item-action' style='background-color:#292b2c;text-align:center;color:goldenrod'>Farmers</a>";
        echo "<a href='../Includes/logout.php' class='list-group-item list-group-item-action' style='background-color:#292b2c;text-align:center;color:goldenrod'>Logout</a>";
    } else {
        echo "<a href='../auth/BuyerLogin.php' class='list-group-item list-group-item-action' style='background-color:#292b2c;text-align:center;color:goldenrod'>Login</a>";
    }
    ?>

</div>
</div>

```

```

<div class=" flex-row-reverse right ">
<div class="p-2 cart">
    <div class="icon2">
        <a href="CartPage.php"> <i class="fa" style="font-size:30px;
        color:green">&#61562;</i></a>
        <span id="icon" style="color:green"> <?php echo totalItems(); ?> </span>
    </div>
</div>
<div class="dropdown p-2 settings ">
    <button class="btn dropdown-toggle text-success" type="button"
    id="dropdownMenuButton" data-toggle="dropdown" aria-
    haspopup="true" aria-expanded="false">
    Settings
    </button>
    <div class="dropdown-menu" aria-labelledby="dropdownMenuButton">
    <?php
    if (isset($_SESSION['phonenummer'])) {
    echo "<a href='BuyerProfile2.php' class='dropdown-item ' style='padding-
    right:-20px;'>Profile</a>";
    echo "<a href='Transaction.php' class='dropdown-item ' style='padding-
    right:-20px;'>Transactions</a>";
    echo "<a href='#' class='dropdown-item' style='padding-right:-
    20px;'>Subscriptions</a>";
    echo "<a href='saveforlater.php' class='dropdown-item' style='padding-
    right:-20px;'>Save For Later</a>";
    echo "<a href='farmers.php' class='dropdown-item' style='padding-right:-
    20px;' >Farmers</a>";
    echo "<a href='../Includes/logout.php' class='dropdown-item '
    style='padding-right:-20px;'>Logout</a>";
    } else {
    echo "<a href='../auth/BuyerLogin.php' class='dropdown-item '
    style='padding-right:-20px;'>Login</a>";
    }
    ?>
    </div>
</div>

<div class="text-success login">Login</div>
</div>

</nav>
<div class="text-center container">
    <br>

    <b>

```

```

        <h1 class="guard text-center" style=" font-family: 'Times New Roman',
        Times, serif;"><span><b>Farmers</b></span>
        </h1>
    </b>
</div>
<div class="container mt-5">
    <div class="row">
        <div class="col-12 col-sm-12 col-md-12 col-lg-3 col-xl-3 ">
            <div class="card border-dark border" >
                <div class="card-body ">
                    <h5 class="card-title text-center"></h5>
                    <h4 class="card-subtitle mb-2 text-center">Abhishek</h4>
                    <p class="card-text text-center">Vashi, Maharashtra<br><br>
                        <button type="button" class="btn border-dark border"
                        style="background-color:#FFD700;color:black">View Profile
                        </button>

                    </p>
                    <!-- <a href="#" class="card-link text-center">Card link</a>
                    <a href="#" class="card-link text-center">Another link</a> -->
                </div>
            </div>
        </div>
        <div class="col-12 col-sm-12 col-md-12 col-lg-3 col-xl-3 ">
            <div class="card border-dark border" >
                <div class="card-body ">
                    <h5 class="card-title text-center"></h5>
                    <h4 class="card-subtitle mb-2 text-center">Ansh</h4>
                    <p class="card-text text-center">Kopar, Maharashtra<br><br>
                        <button type="button" class="btn border-dark border"
                        style="background-color:#FFD700;color:black">View Profile
                        </button>

                    </p>
                    <!-- <a href="#" class="card-link text-center">Card link</a>
                    <a href="#" class="card-link text-center">Another link</a> -->
                </div>
            </div>
        </div>
        <div class="col-12 col-sm-12 col-md-12 col-lg-3 col-xl-3 ">
            <div class="card border-dark border" >
                <div class="card-body ">
                    <h5 class="card-title text-center"></h5>
                    <h4 class="card-subtitle mb-2 text-center">Gladina</h4>
                    <p class="card-text text-center">Thane, Maharashtra<br><br>
                        <button type="button" class="btn border-dark border"
                        style="background-color:#FFD700;color:black">View Profile
                        </button>

                    </p>

```



```

        <!-- <a href="#" class="card-link text-center">Card link</a>
        <a href="#" class="card-link text-center">Another link</a> -->
    </div>
</div>
<div class="col-12 col-sm-12 col-md-12 col-lg-3 col-xl-3 ">
    <div class="card border-dark border" >
        <div class="card-body ">
            <h5 class="card-title text-center"></h5>
            <h4 class="card-subtitle mb-2 text-center">Calista</h4>
            <p class="card-text text-center">Wadala, Maharashtra<br><br>
                <button type="button" class="btn border-dark border"
                style="background-color:#FFD700;color:black">View Profile
            </button>
        </p>
        <!-- <a href="#" class="card-link text-center">Card link</a>
        <a href="#" class="card-link text-center">Another link</a> -->
    </div>
</div>
</div>
</div>
</div>

```

```

<section id="footer" class="myfooter">
    <div class="container">
        <div class="row text-center text-xs-center text-sm-left text-md-left">
            <div class="col aligncenter">
                <p>Payment Option</p>
                
                
            </div>
        </div>
    </div>

```

```

<div class="row">
  <div class="col-xs-12 col-sm-12 col-md-12 mt-2 mt-sm-5">
    <ul class="list-unstyled list-inline social text-center">
      <li class="list-inline-item"><a href="javascript:void();"><i class="fa fa-
facebook"></i></a></li>
      <li class="list-inline-item"><a href="javascript:void();"><i class="fa fa-
twitter"></i></a></li>
      <li class="list-inline-item"><a href="javascript:void();"><i class="fa fa-
instagram"></i></a></li>
      <li class="list-inline-item"><a href="javascript:void();"><i class="fa fa-
google-plus"></i></a></li>
      <li class="list-inline-item"><a href="javascript:void();"
target="_blank"><i class="fa fa-envelope"></i></a></li>
    </ul>
  </div>
</hr>
</div>
<div class="row">
  <div class="col-xs-12 col-sm-12 col-md-12 mt-2 mt-sm-2 text-center">
    <p><u>Green Harvest Corporation</u> is a Multitrading Company for
farmers and traders</p>
    <p class="h6">Copy All right Reversed.<a class="text-green ml-2"
href="https://www.google.com" target="_blank">Agrotech</a></p>
  </div>
</hr>
</div>
</div>

```