

## **“FRESH FROM FARMS”**

Submitted to the  
Pune Institute of Computer Technology, Pune In partial fulfilment for the award of the  
Degree of Bachelor of Engineering  
in  
Information Technology  
by

|                    |       |
|--------------------|-------|
| Manthan Adhav      | 33301 |
| Aarya Ghate        | 33321 |
| Aniket Hend        | 33322 |
| Tashmeet Kour Hora | 33323 |

Under the guidance of

**Mrs.Deepali Salapurkar**



Department Of Information Technology  
Pune Institute of Computer Technology College of Engineering  
Sr. No 27, Pune-Satara Road, Dhankawadi, Pune - 411 043.

**2023-2024**

# **CERTIFICATE**

This is to certify that the project report entitled

## **FRESH FROM FARMS**

### **Submitted by**

|                    |       |
|--------------------|-------|
| Manthan Adhav      | 33301 |
| Aarya Ghate        | 33321 |
| Aniket Hend        | 33322 |
| Tashmeet Kour Hora | 33323 |

is a bonafide work carried out by them under the supervision of **Mrs.Deepali Salapurkar** and it is approved for the partial fulfilment of the requirement of Project Based Learning for the award of the Degree of Bachelor of Engineering (Information Technology)

**Mrs.Deepali Salapurkar**  
Project Guide  
Department of Information Technology

Dr A. S. Ghotkar  
Head of Department  
Department of Information Technology

Place:  
Date:

## **II**

### **ACKNOWLEDGEMENT**

We thank everyone who has helped and provided valuable suggestions for successfully developing a wonderful project.

We are very grateful to our guide, Prof. A. S. Awati, the Head of the Department Dr A. S. Ghotkar and our Principal Dr S. T. Gandhe. They have been very supportive and have ensured that all facilities remained available for the smooth progress of the project.

We would like to thank our professor and Prof. A. S. Awati for providing verpreciousd timely suggestions and help.

### **III**

## **ABSTRACT**

The agriculture sector plays a vital role in the global economy, and advancements in technology have opened up new opportunities for farmers and agribusinesses to connect with consumers and streamline their operations. This abstract presents an overview of an agriculture e-commerce website, which serves as a platform to bridge the gap between agricultural producers and buyers. The website provides a user-friendly interface for farmers to showcase their products, while also offering a convenient purchasing experience for consumers looking to access fresh produce and agricultural goods.

Agriculture is an important sector of the Indian economy as it contributes about 17% to the total GDP and provides employment to over 60% of the population. Indian agriculture has registered impressive growth over the last few decades. Due to a lack of remuneration income, the farmer needs to take a loan for the next crop production. The figures indicate that farmers are producing more without good returns. Why are farmers not getting a fair price?

This website helps to get the appropriate price of the crops to the farmers and provides healthy and fresh products to the customers. Farmers display their products and make them visible to customers so that they can order them. Customers will get automatic updates about his / her order. This platform offers fresh and direct produce from farms and no third-party vendors as they buy directly from farmers.

# **IV**

## **LIST OF FIGURES**

| <b>Figure Number</b> | <b>Figure Title</b> | <b>Page Number</b> |
|----------------------|---------------------|--------------------|
| 1                    | Activity Diagram    | 12                 |
| 2                    | Class Diagram       | 13                 |
| 3                    | Sequence Diagram    | 13                 |
| 4                    | Use-case Diagram    | 14                 |
| 5                    | Package Diagram     | 14                 |
| 6                    | Flow diagram        | 15                 |
| 7                    | ER Diagram          | 16                 |
| 8                    | Database Schema     | 16                 |

## **LIST OF TOPICS**

- INTRODUCTION
- SCOPE AND OBJECTIVE
- LITERATURE SURVEY
- SYSTEM OVERVIEW/PROJECT FLOW
- IMPLEMENTATION DETAILS
- PROJECT SNAPSHOTS
- ADVANTAGES OF PROJECT
- LIMITATIONS AND FUTURE SCOPE
- CONCLUSION
- REFERENCES

## **INTRODUCTION**

The agriculture industry plays a crucial role in the global economy, providing essential food and resources for the world's population. However, traditional agricultural practices have faced numerous challenges, including limited market access, inefficient supply chains, and lack of transparency. In recent years, the emergence of e-commerce platforms has revolutionised various industries, connecting buyers and sellers across vast distances and streamlining transactions. The agriculture sector has also embraced this digital transformation, giving rise to agricultural e-commerce websites that bridge the gap between farmers, suppliers, and consumers.

This project report focuses on the development and implementation of an agriculture e-commerce website, which aims to revolutionise the way agricultural products are bought and sold. The website serves as a platform that brings together farmers, agricultural suppliers, and buyers, fostering a seamless and transparent exchange of goods and services.

The primary objective of this project is to address the challenges faced by both farmers and buyers in the traditional agricultural market. For farmers, the e-commerce website provides a broader reach, enabling them to connect with a larger customer base and access new markets. By eliminating intermediaries, farmers can obtain better prices for their products and achieve higher profitability. Buyers, on the other hand, benefit from the convenience of online shopping, gaining access to a wide range of fresh agricultural products.

By creating an agriculture e-commerce website, we aim to contribute to the digitalization and modernization of the agricultural sector, fostering sustainable growth, efficient supply chains, and increased market access for farmers. This project report serves as a comprehensive guide, presenting the development process and outlining the potential impact of the agriculture e-commerce website on the agricultural ecosystem.

## **SCOPE & OBJECTIVE**

## **Scope:**

The scope of this project report on the agriculture e-commerce website encompasses the entire lifecycle of the development and implementation process. It includes the analysis, design, development, testing, and deployment phases. The report will provide insights into the technologies, tools, and methodologies utilised during each stage of the project. Furthermore, it will address the challenges encountered and the strategies employed to overcome them, ensuring the successful completion of the website.

## **Objective:**

The primary objective of this project report on the agriculture e-commerce website is to present a comprehensive analysis of the development and implementation process, along with its potential impact on the agricultural sector. The specific objectives include:

1. Understanding the current challenges faced by farmers, suppliers, and buyers in the traditional agricultural market.
2. Analysing the benefits and opportunities offered by e-commerce platforms in the agriculture industry.
3. Designing and developing an efficient and user-friendly agriculture e-commerce website that meets the specific needs of farmers, suppliers, and buyers.
4. Implementing secure payment gateways to ensure safe and reliable transactions between buyers and sellers.
5. Creating a comprehensive product catalogue with detailed information, certifications, and ratings to enhance transparency and facilitate informed purchasing decisions.
6. Assessing the impact of the agriculture e-commerce website on farmers, suppliers, and buyers in terms of market access, profitability, and convenience.
7. Identifying potential challenges and proposing strategies to overcome them, ensuring the sustainability and scalability of the platform.

By achieving these objectives, this project report aims to contribute to the advancement of the agricultural sector by leveraging the power of e-commerce, improving market efficiency, and empowering farmers, suppliers, and buyers in their transactions.

## **Literature Survey**

In the field of agricultural productivity in India, several studies have been conducted to examine its current trends and prospects. Lopamudra Lenka Samantaray conducted a study in 2015, titled "A Study on the Current Trend of Agricultural Productivity in India and its Future Prospects" [1]. The research aimed to shed light on the persisting agricultural distress in India despite significant growth rates. The study highlighted the dependence of farmers on middlemen for crop sales and the insufficient returns on their investments.

Another relevant study was conducted by Karthikeya G. in 2016, titled "Literature Review Marketing in Karnataka" [2]. This study focused on agricultural marketing in Karnataka, specifically comparing conventional and technology-oriented approaches. The research analyzed the marketing structure of agricultural products and highlighted the detrimental role played by middlemen who exploit farmers by purchasing goods at low prices and selling them at high prices. The Agriculture Produce Marketing Regulation Act was noted as a supportive measure for farmers, encouraging direct marketing and contract farming.

In 2012, Shakeel-Ul-Rehman, M. Selvaraj, and M. Syed Ibrahim published a journal article titled "Indian Agricultural Marketing - A Review" [3]. Their research aimed to disseminate the work of agronomists and agricultural scientists involved in implementing science and technology in areas such as agribusiness, crop science, plant genetics, and soil science. The study explored topics including contract farming, bilateral and regional trade agreements, and the evolution of supply chains through integrated technology models.

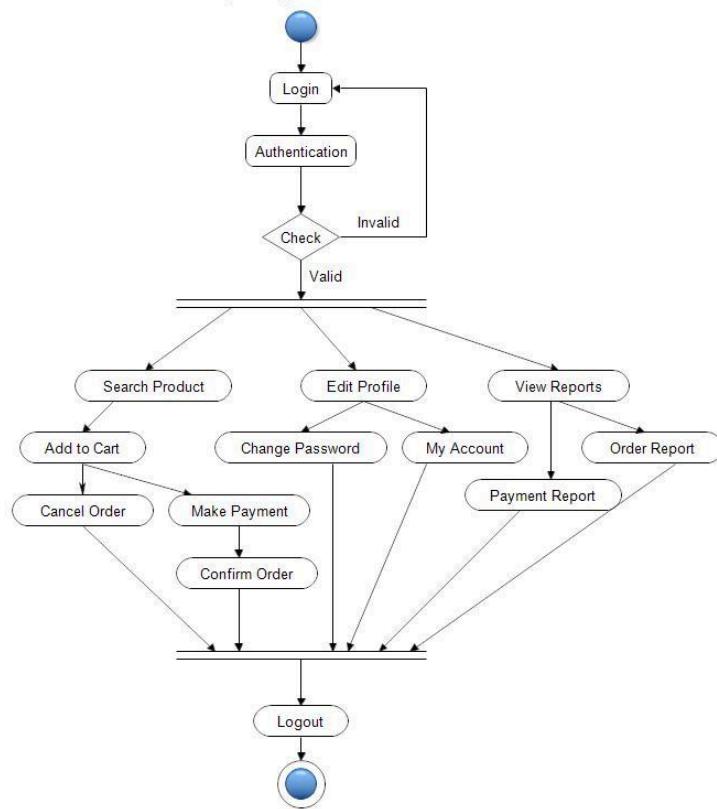
Additionally, a study conducted in 2019 by L. Warlina, F. F. Siddiq, and T. Valentina focused on designing a website for online businesses in the agricultural sector [4]. The purpose of their research was to discuss the design of a website that could facilitate various processes in agricultural marketing. Descriptive methods were employed to outline the overall design of e-commerce-based websites. The study also drew upon previous research related to the development of e-commerce systems, aiming to design a website specifically tailored for the agricultural sector. It was noted that many farmers were unaware of the potential benefits provided by this e-commerce system, which could lead to higher returns on their investments.

Overall, these literature surveys have contributed valuable insights into the current trends and prospects of agricultural productivity in India, the challenges faced by farmers in marketing their products, and the potential benefits offered by innovative approaches such as direct marketing, contract farming, and e-commerce-based platforms.

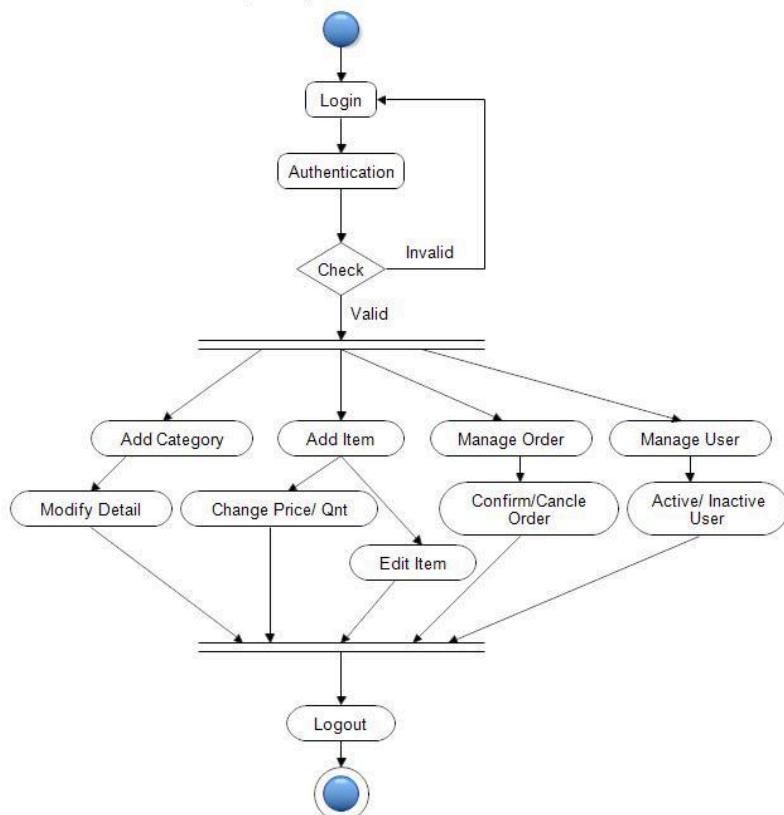
## SYSTEM OVERVIEW

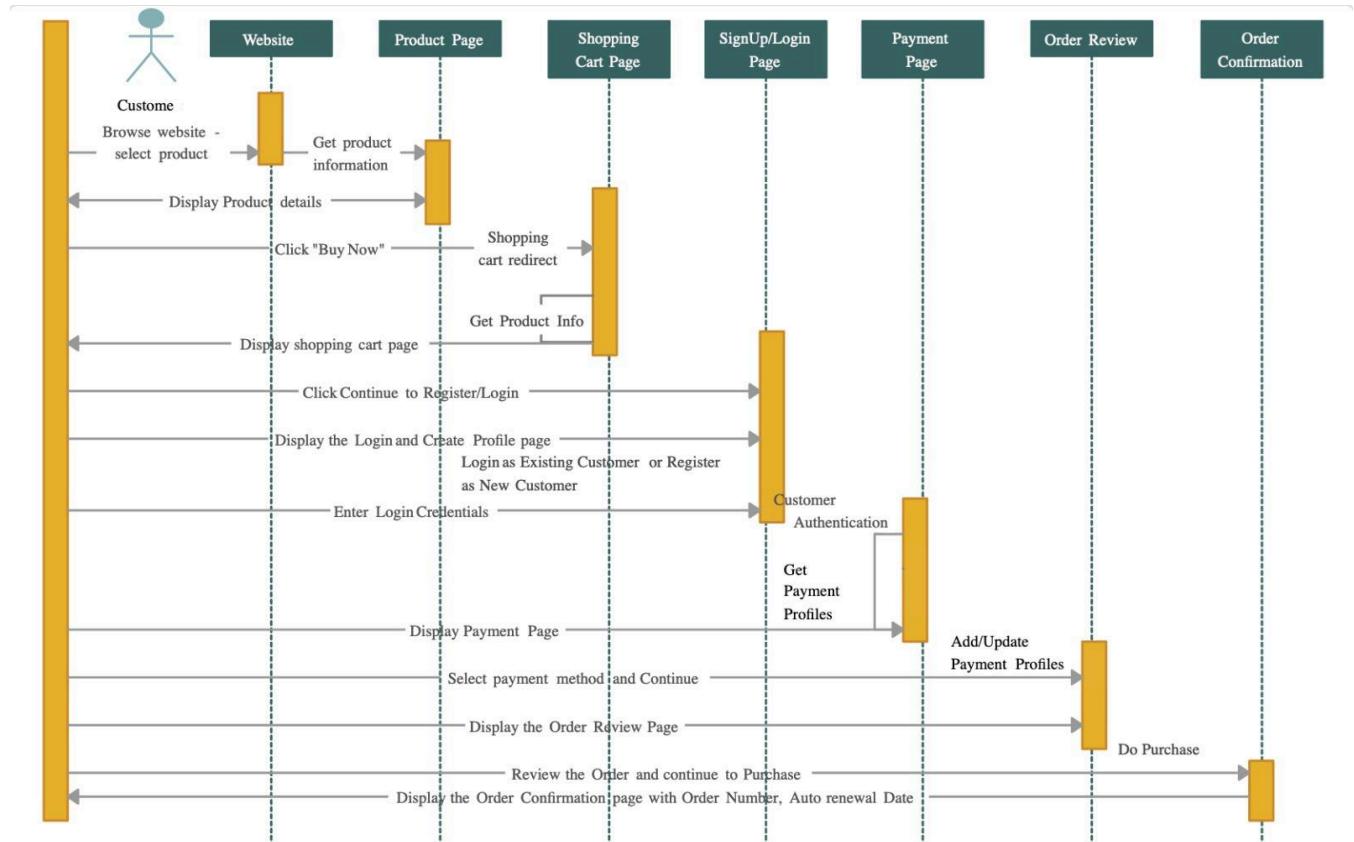
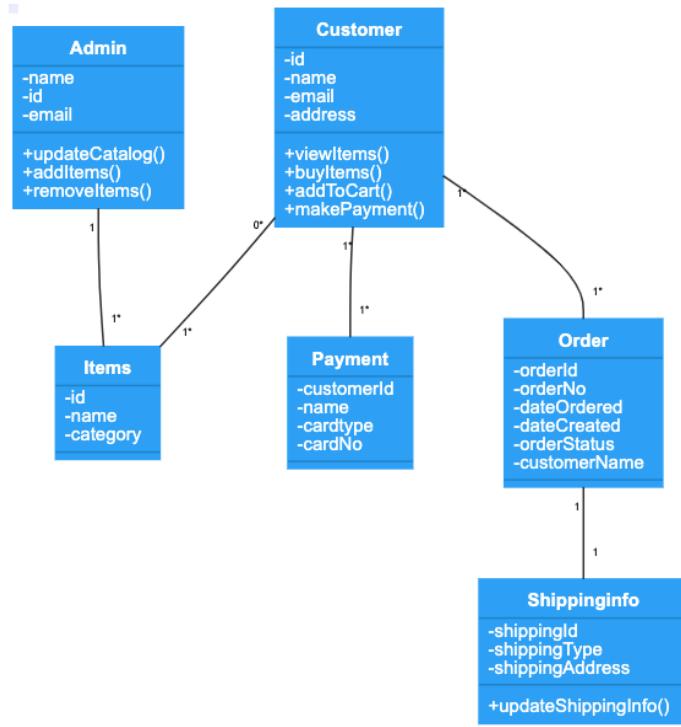
- **User Interface:** The user interface is part of the website that users interact with to search for and order products. It typically includes forms for creating and editing user profiles, searching and adding to carts, and payment.
- **Database:** The database is responsible for storing all user and product data, including user profiles, product details, and payment. It allows for efficient searching and filtering of products, as well as managing and tracking user orders.
- **Backend Server:** The backend server is responsible for processing user requests, handling user authentication and authorization, and interfacing with the database. It typically uses a web application framework such as Ruby on Rails, Django, or Node.js to handle server-side logic and generate dynamic web pages.
- **Frontend Server:** The frontend server is responsible for serving static files such as HTML, CSS, and JavaScript to users' web browsers. It typically uses a web server such as Nginx or Apache to handle incoming web requests and serve static files.
- **API:** An API (Application Programming Interface) is a set of protocols and tools for building software applications. In the context of an agricultural e-commerce website, an API can be used to allow external applications to access and interact with data stored in the website's database.

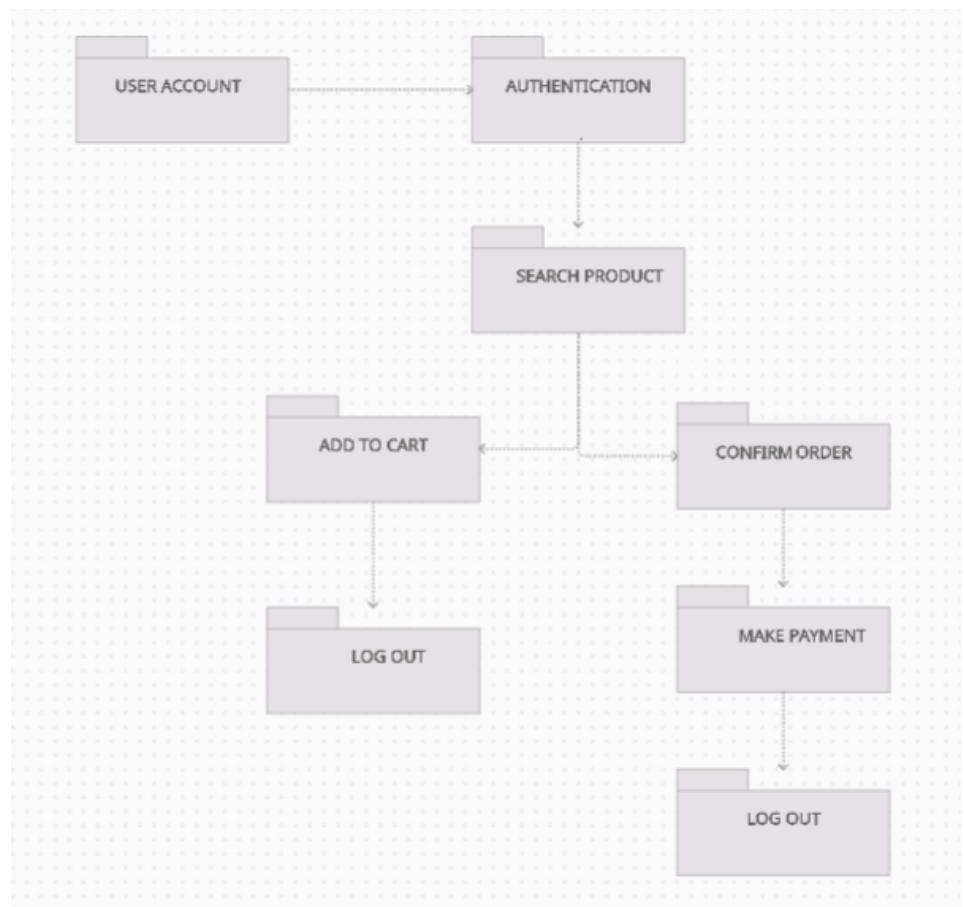
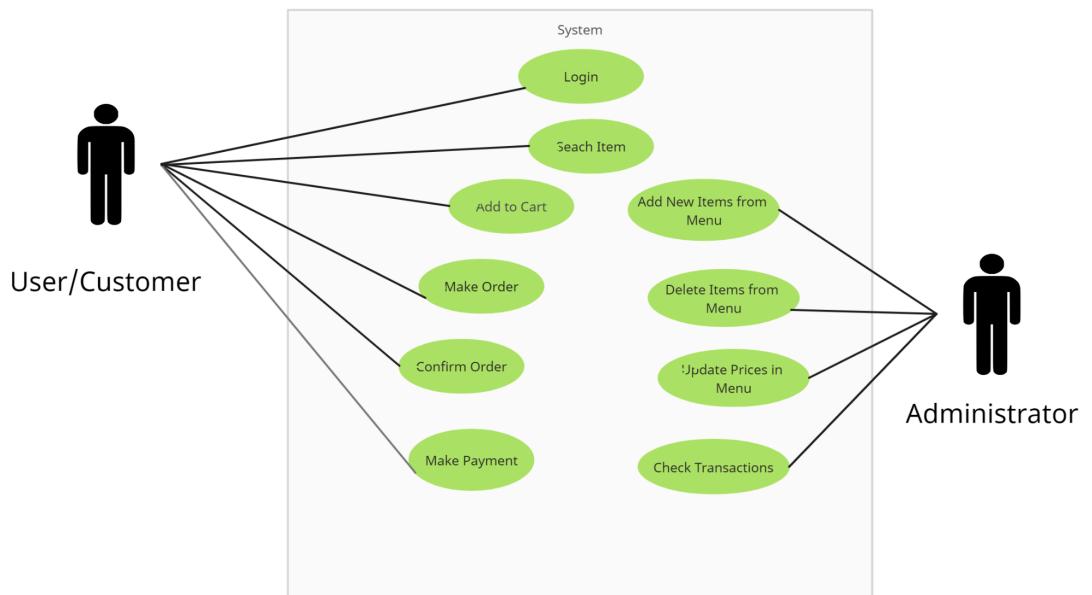
### Activity Diagram for User Side

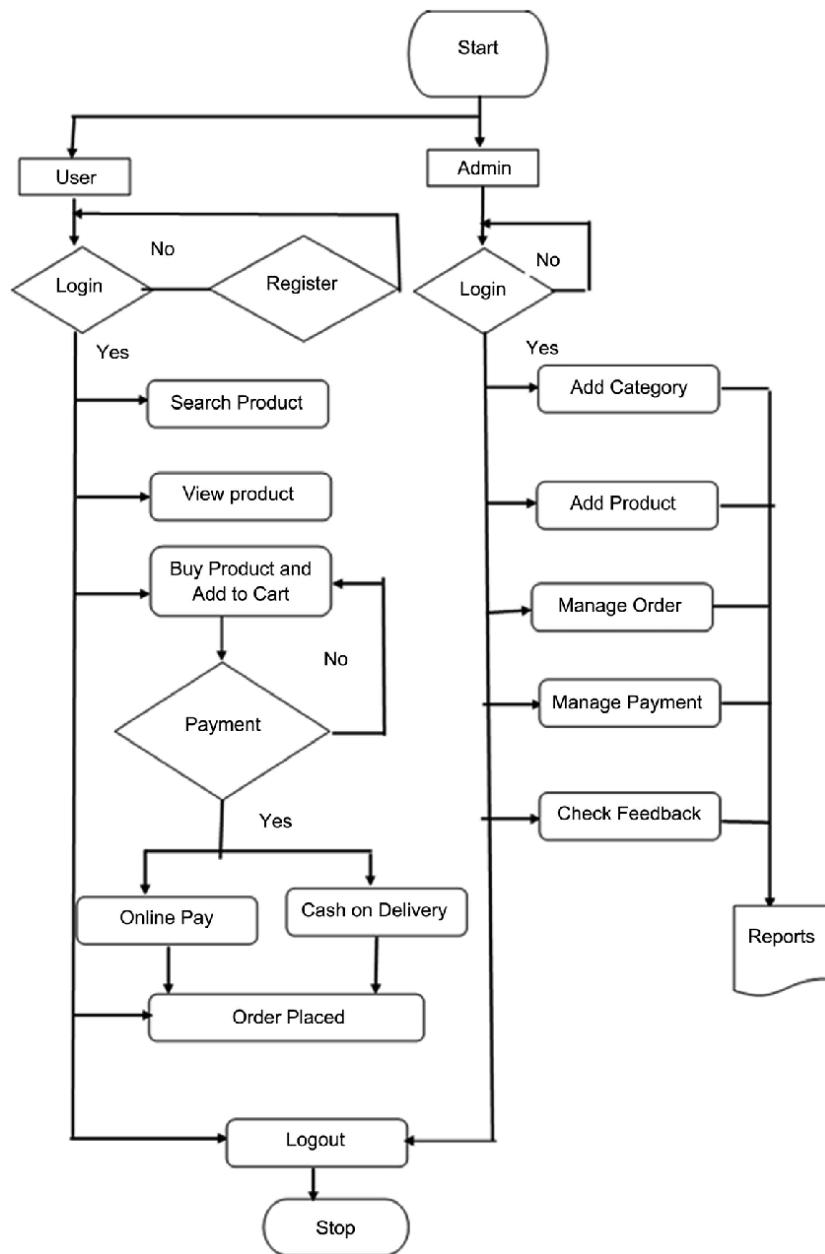
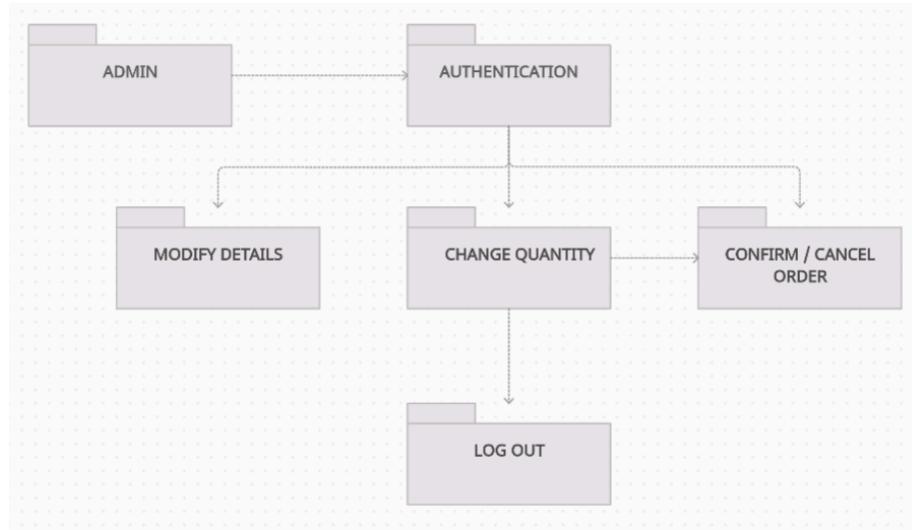


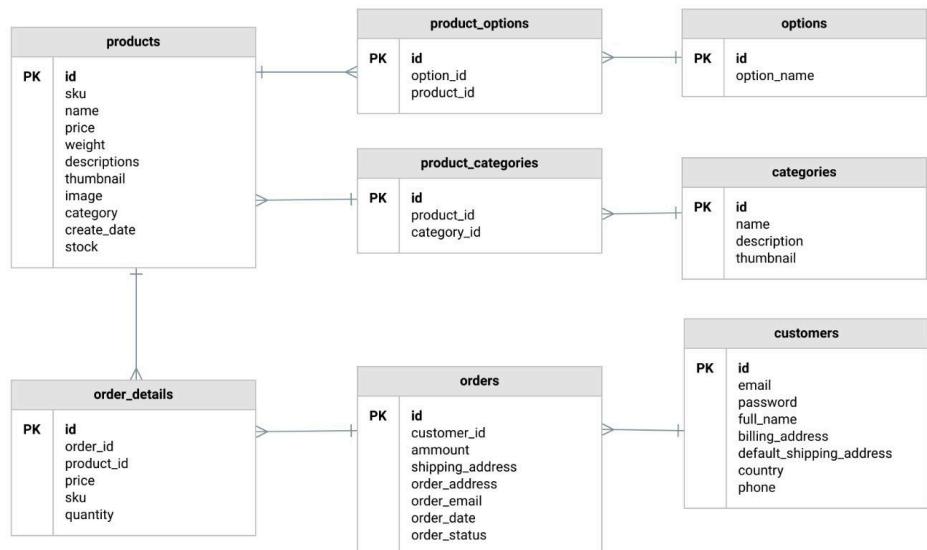
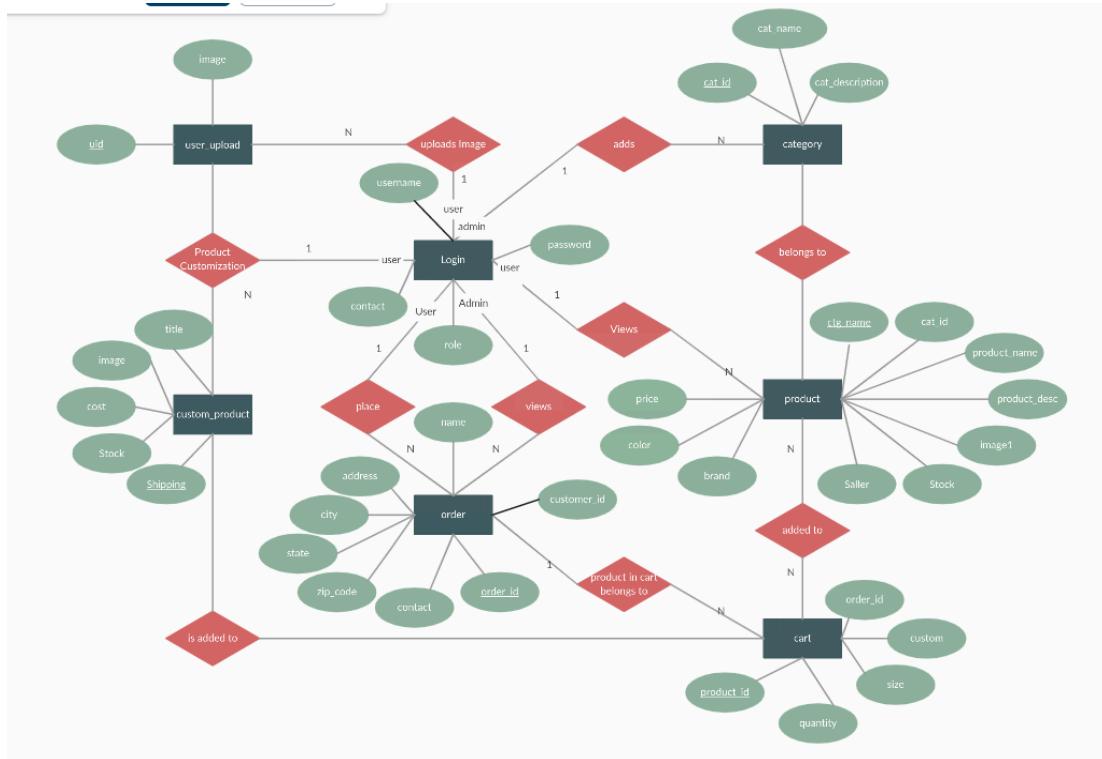
### Activity Diagram for Admin Side











## **Product Perspective**

The product perspective describes the relationship between the e-commerce website and its surrounding environment, including other systems and stakeholders. The following aspects define the product perspective:

- System Interfaces: The e-commerce website may interface with external systems, such as payment gateways, shipping carriers, and inventory management systems.
- External Dependencies: The e-commerce website may rely on external services and APIs, such as geolocation services for address verification, email service providers for sending order notifications, or SMS gateways for sending delivery updates.
- Scalability and Performance: The e-commerce website should be designed to handle a growing number of users and transactions.

## **Product Functions**

- User Registration and Authentication
- Product Catalogue
- Shopping Cart and Checkout
- Secure Payment Processing
- Order Tracking and Management
- Delivery Management
- Customer Feedback and Reviews
- Admin Panel

## **User Classes**

The intended audience for this project includes customers who are interested in purchasing fresh fruits and vegetables directly from the farms. The project also targets farmers and producers who grow and supply fresh fruits and vegetables.

# **IMPLEMENTATION DETAILS**

## **Technology Stack:**

Front-end Development: HTML, CSS, JavaScript, React.js.

Back-end Development: Node.js

Database: MongoDB

Server: Web Browser

## **User Interface (UI) Design:**

Create a visually appealing and user-friendly interface.

Design intuitive navigation and smooth user flows.

Use responsive design techniques for compatibility across different devices.

## **User Registration and Authentication:**

Implement user registration and login functionality.

Utilise secure authentication methods (e.g., username/password, forgotPassword).

Include options for social media login integration.

## **Product Catalogue and Management:**

Develop a comprehensive product catalogue with categories and subcategories.

Implement features for adding, updating, and removing products.

Enable advanced search and filtering options for efficient product discovery.

## **Shopping Cart and Checkout:**

Design a seamless shopping cart experience for buyers.

Enable users to add/remove products and update quantities.

Implement a secure checkout process with multiple payment options.

Provide order summary and confirmation.

## **Seller Dashboard:**

Develop a dashboard for farmers and suppliers to manage their products.

Enable sellers to add, update, and track inventory.

Include features for order management, shipping, and tracking.

### **Secure Payment Integration:**

Integrate secure payment gateways for smooth and reliable transactions.

Ensure compliance with industry-standard security protocols.

Implement mechanisms to handle refunds and disputes.

### **Order Management:**

Develop features for the admin to manage and track orders.

Provide automated email notifications for order updates and shipment details.

Enable buyers to view their order history and track shipments.

### **Analytics and Reporting:**

Implement analytics tools to gather data on website usage, sales, and user behaviour.

Generate reports on key metrics and insights to inform business decisions.

Utilise data-driven insights to improve user experience and optimise sales.

### **Search Engine Optimization (SEO):**

Optimise the website's structure and content for search engine visibility.

Implement meta tags, keywords, and relevant descriptions.

Ensure the website loads quickly and is mobile-friendly.

### **Testing and Quality Assurance:**

Conduct comprehensive testing at various stages of development.

Perform unit testing, integration testing, and system testing.

Test the website's compatibility across different browsers and devices.

Identify and fix any bugs or issues.

### **Deployment and Hosting:**

Deploy the website to a reliable hosting environment.

Set up servers, databases, and necessary infrastructure.

Configure domain name, SSL certificates, and backups.

**Ongoing Maintenance and Support:**

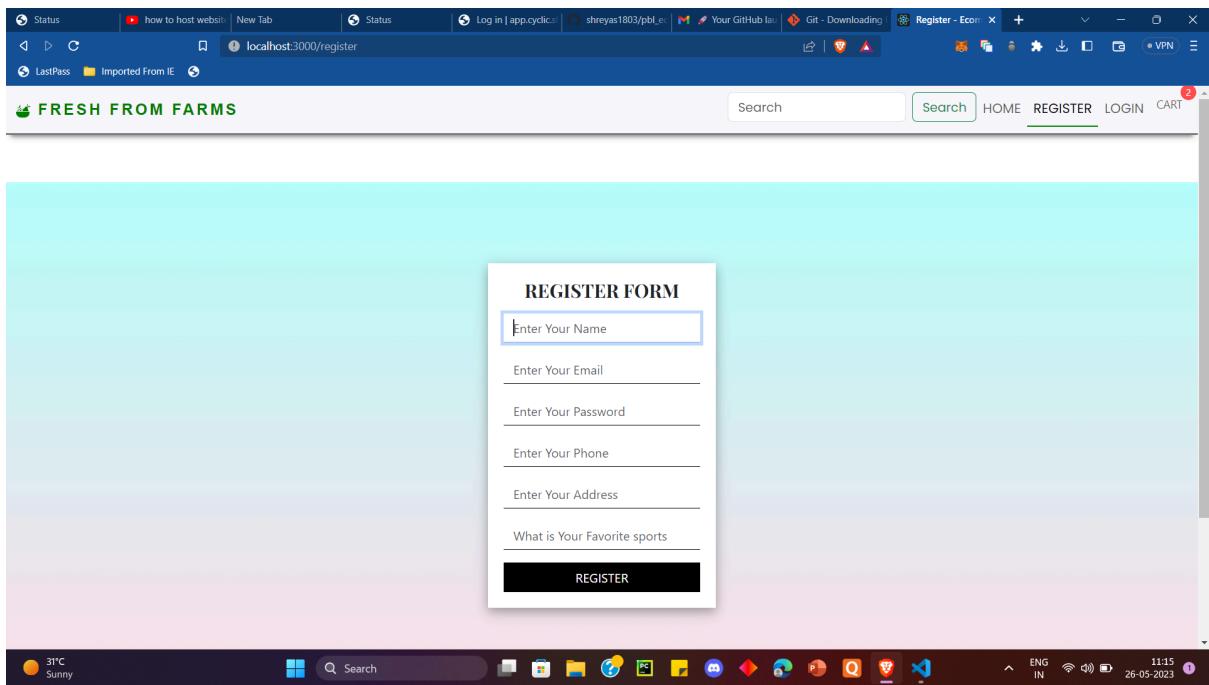
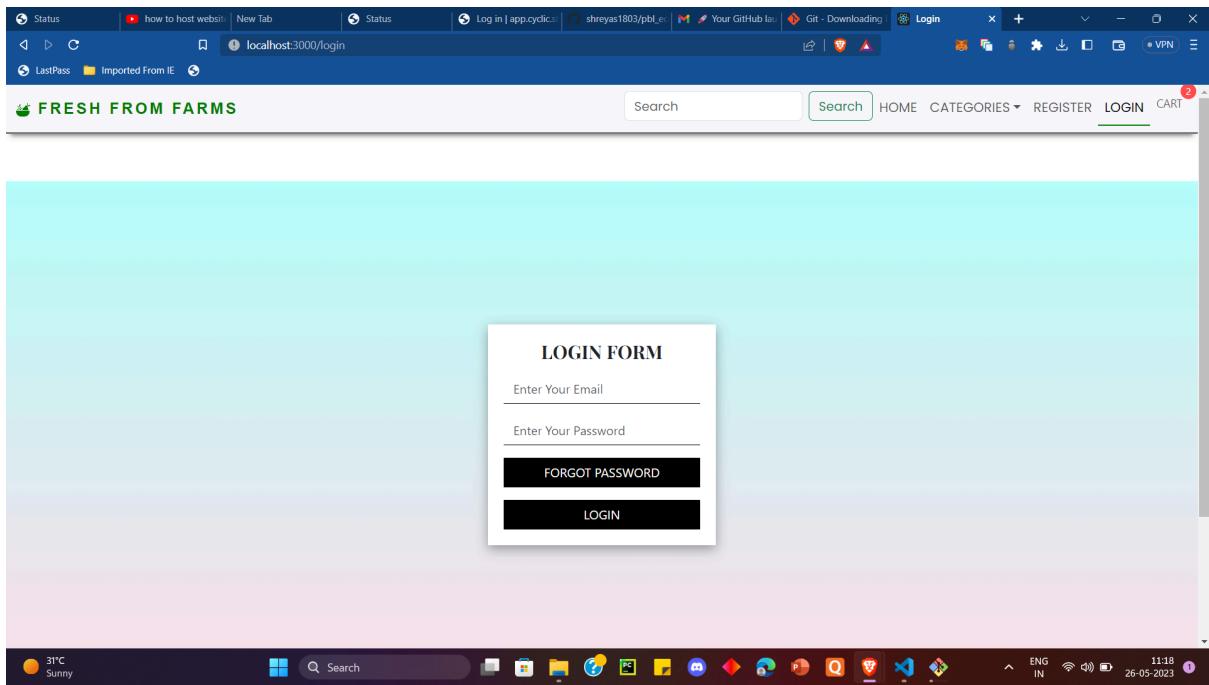
Provide regular updates and bug fixes.

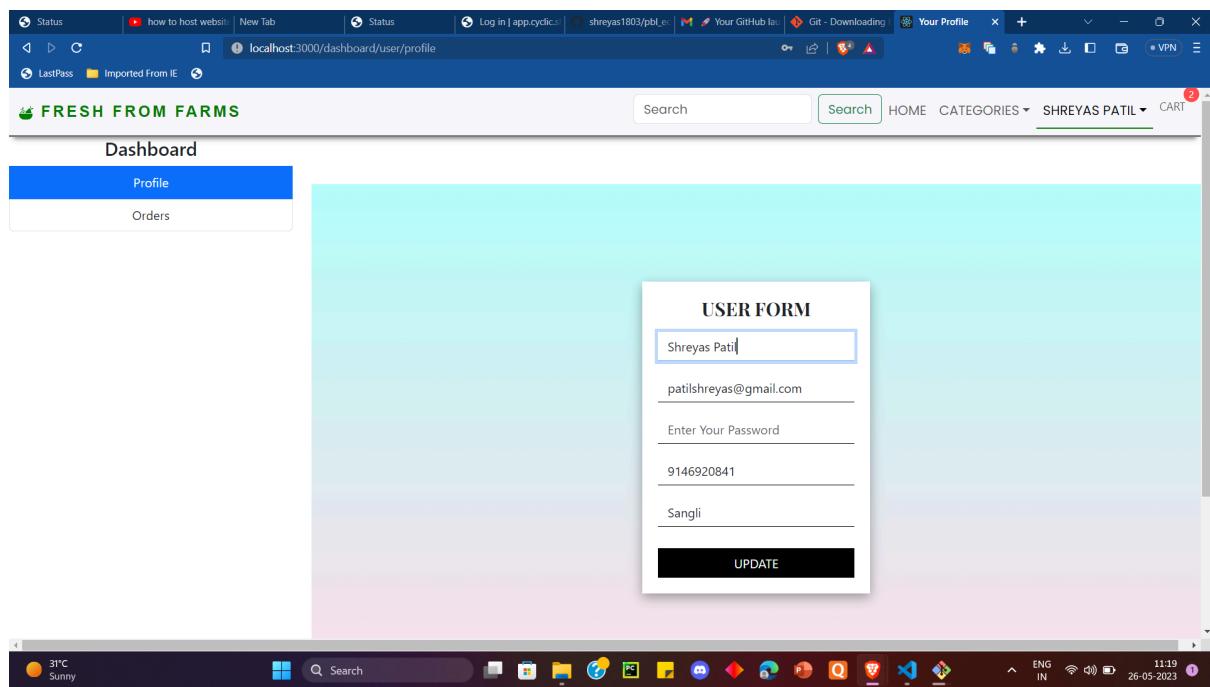
Monitor website performance and address any issues promptly.

Continuously enhance the website based on user feedback and industry trends.

By implementing these details, the agriculture e-commerce website can provide a seamless and secure platform for farmers, suppliers, and buyers to connect, trade agricultural products, and contribute to the growth and development of the agriculture industry.

## PROJECT SNAPSHTOS





A screenshot of the 'Admin Panel' showing the 'Manage Category' section. The page includes:

- A sidebar with 'Create Category' and other options: Create Product, Products, Orders.
- A search bar labeled 'Enter new category'.
- A 'Submit' button.
- A table listing categories with actions:

| Name       | Actions     |
|------------|-------------|
| Fruit      | Edit Delete |
| Grains     | Edit Delete |
| Spices     | Edit Delete |
| Vegetables | Edit Delete |
| Grocery    | Edit Delete |

The footer displays the copyright notice: All Rights Reserved © FreshFromFarms.

Screenshot of the Admin Panel showing the 'Create Product' form. The sidebar has 'Create Category', 'Create Product' (selected), 'Products', and 'Orders'. The main area has fields for category selection, photo upload, product name, description, price, quantity, and shipping selection, with a 'CREATE PRODUCT' button.

Screenshot of the All Products page. It shows a sidebar with 'Filter By Category' (Fruit, Grains, Spices, Vegetables, Grocery) and 'Filter By Price' (₹0 to 50, ₹51 to 75, ₹75 to 99, ₹99 to 129, ₹129 to 149, ₹150 or more). The main area displays products: Tomato (₹32), Rice (₹45), Wheat, Red Chilli Powder, Moong Dal, and Mango. Each product card includes a 'More Details' button and an 'ADD TO CART' button.

S 31°C Sunny

localhost:3000/dashboard/admin/products

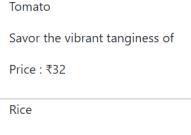
## All Products List

|   |  |  |
|---|--|--|
|    |   |    |
| <b>Tomato</b><br>Savor the vibrant tanginess of tomatoes, nature's versatile treasure that adds depth and freshness to a variety of dishes. Whether enjoyed raw in salads or transformed into rich sauces, tomatoes offer a burst of flavor along with essential vitamins and antioxidants. | <b>Rice</b><br>Delight in the timeless comfort of rice, a staple grain that brings nourishment and versatility to countless cuisines worldwide. From fluffy basmati to sticky sushi rice, enjoy the satisfying texture and neutral taste of this culinary essential. | <b>Wheat</b><br>Wheat, a staple grain for centuries, embodies nourishment and versatility. From hearty bread to wholesome pasta, explore the endless culinary possibilities and embrace the natural goodness of this nutrient-rich cereal. |
|    |   |    |

ENG IN 26-05-2023 11:20

localhost:3000/cart

## Hello Shreyas Patil You Have 2 items in your cart

|   |  |               |
|---|--|---------------|
|  | <b>Tomato</b><br>Savor the vibrant tanginess of<br>Price : ₹32 | <b>Remove</b> |
|  | <b>Rice</b><br>Delight in the timeless comfort<br>Price : ₹45  | <b>Remove</b> |

**Cart Summary**  
Total | Checkout | Payment

**Total : ₹77**  
**Current Address**  
Sangli  
**Update Address**  
**Make Payment**

11:19 26-05-2023

All Rights Reserved © FreshFromFarms

About | Contact | Private Policy

31°C Sunny

ENG IN 26-05-2023 11:19

Savor the vibrant tanginess of

Price : ₹32

Rice

Delight in the timeless comfort

Price : ₹45

**Total : ₹77**

**Current Address**

Sangli

**Total | Checkout | Payment**

**Pay with card**

Card Number

Expiration Date (MM/YY)

CVV (3 digits)

MM/YY

Choose another way to pay

**Make Payment**

**All Rights Reserved © FreshFromFarms**

About | Contact | Private Policy

**FRESH FROM FARMS**

**Dashboard**

Profile

**Orders**

**All Orders**

| # | Status     | Buyer         | Date              | Payment | Quantity |
|---|------------|---------------|-------------------|---------|----------|
| 1 | Processing | Shreyas Patil | a few seconds ago | Success | 2        |

Mango

Savor the tropical essence of

Price : ₹75

Indian Millet (Jowar)

Discover the ancient goodness

Price : ₹50

| # | Status      | Buyer         | Date              | Payment | Quantity |
|---|-------------|---------------|-------------------|---------|----------|
| 2 | Not Process | Shreyas Patil | a few seconds ago | Success | 3        |

Tomato

31°C Sunny

Search

HOME CATEGORIES ▾ SHREYAS PATIL ▾ CART ▾

11:19 IN 26-05-2023

Status how to host website New Tab Status Log in | app.cyclic.shreya1803/pbl\_ec Your GitHub Issues Git - Downloading All Orders Data +

LastPass Imported From IE

## FRESH FROM FARMS

Search Search HOME CATEGORIES ADMIN CART 2

### Admin Panel

- Create Category
- Create Product
- Products
- Orders

### All Orders

| # | Status  | Buyer   | Date  | Payment | Quantity |
|---|---|---|---|---------|----------|
| 1 | Not Process   | admin   | a few seconds ago   | Success | 2        |
|   | Not Process   |  Processing<br>Shipped<br>Delivered<br>Cancelled | Rice<br><br>Delight in the timeless comfort of rice.<br>Price : ₹45 |         |          |
|   |  | Wheat<br><br>Wheat, a staple grain for centuries.<br>Price : ₹45  |   |         |          |
| 2 | Shipped   | Shreyas Patil   | a few seconds ago   | Success | 1        |
|   |  | Rice  |   |         |          |

31°C Sunny

Search ENG IN 11:20 26-05-2023

## **ADVANTAGES OF PROJECT**

- Freshness and Quality: When farmers sell their products directly to customers through an e-commerce website, the products are usually fresher and of higher quality than when they pass through several intermediaries before reaching the consumer.
- Better Prices: Farmers can set their prices for their products, eliminating the need for intermediaries who may take a cut and drive up prices.
- Support to local farmers: Small farmers may need help to compete with large agricultural corporations. E-commerce websites that connect them directly to customers can help small farmers get their products to market and earn a fair income.
- Greater disclosure/transparency: Customers can get information about the origin and production methods of the products they are buying
- Convenience: It provides customers with the necessary fruits and vegetables at their homes without getting them indulged in any kind of bargaining.

## **LIMITATIONS AND FUTURE SCOPE**

### **Limitations**

- Limited Internet Access: In certain regions or rural areas, access to stable internet connectivity may be limited. This can hinder the usage and adoption of the agriculture e-commerce website by farmers, suppliers, and buyers.
- Language and Localization: Language barriers can pose challenges for farmers and buyers who are not proficient in the primary language used on the website. Localising the website to support multiple languages can help overcome this limitation.
- Trust and Reliability: Building trust and credibility in the agricultural e-commerce platform may take time, especially for farmers who are accustomed to traditional offline markets. Addressing concerns related to product quality, payment security, and reliable delivery is crucial to gain trust among users.
- Infrastructure and Logistics: The agriculture supply chain involves the physical transportation and storage of perishable goods. Ensuring efficient logistics and robust infrastructure for the timely delivery of products can be a challenge, especially in remote areas.
- Technical Literacy: Not all farmers, suppliers, and buyers may be proficient in using digital technologies. Providing user-friendly interfaces, clear instructions, and user support can help overcome this limitation.

## **Future Scope**

- Expansion to New Markets: The agriculture e-commerce website can explore opportunities to expand into new geographical markets, allowing farmers and suppliers to reach a wider customer base and buyers to access a diverse range of agricultural products.
- Integration of IoT and AI Technologies: Integrating Internet of Things (IoT) devices and artificial intelligence (AI) technologies can enhance the efficiency and effectiveness of the agriculture e-commerce platform.
- Blockchain Technology for Traceability: Implementing blockchain technology can enable transparent and traceable supply chains, ensuring the authenticity and quality of agricultural products. This can help build trust among users and enhance the overall credibility of the platform.
- Mobile Application Development: Developing a mobile application for the agriculture e-commerce platform can enhance accessibility and convenience for users, allowing them to access the platform on the go and facilitate faster transactions.
- Data Analytics and Insights: Leveraging data analytics tools and techniques can provide valuable insights into user behaviour, market trends, and demand patterns. This data can be used to optimise the platform, improve decision-making, and offer personalised experiences for users.
- By addressing the limitations and exploring these future scopes, the agriculture e-commerce website can continue to evolve, innovate, and contribute to the growth and digital transformation of the agriculture industry.

## Conclusion

The agriculture e-commerce website represents a significant step forward in revolutionising the way agricultural products are bought and sold. It serves as a platform that connects farmers, suppliers, and buyers, offering numerous benefits such as increased market access, improved transparency, and streamlined transactions. Throughout this project report, we have explored the development and implementation process of the agriculture e-commerce website, highlighting its scope, objectives, and key features.

The implementation details discussed encompassed various aspects, including technology stack, user interface design, secure payment integration, product catalogue management, communication features, and analytics. These details contribute to creating a robust and user-friendly platform that addresses the specific needs of farmers, suppliers, and buyers in the agricultural sector.

However, it is essential to acknowledge the limitations of the agriculture e-commerce website, such as limited internet access, language barriers, trust issues, and logistical challenges. Overcoming these limitations requires continuous effort and innovation.

Moreover, we have discussed the future scope of the agriculture e-commerce website, which includes expanding to new markets, integrating IoT and AI technologies, providing value-added services, implementing blockchain for traceability, collaborating with agricultural institutions, developing mobile applications, and leveraging data analytics for insights and optimization. The proposed system will bring numerous benefits to the parties. By eliminating the middlemen, the farmers will receive a fair price for their produce while consumers will enjoy fresh and natural products at lower prices. This system will also enable transparency, allowing consumers to know where their food is coming from and how it is produced. By leveraging the power of technology, the platform can facilitate sustainable growth, enhance profitability, and contribute to the overall development of the agricultural sector.

In conclusion, the agriculture e-commerce website presented in this project report serves as a comprehensive guide for creating a successful platform that connects farmers, suppliers, and buyers in the agriculture industry. By addressing the limitations and exploring the future scope, we can pave the way for a more efficient, transparent, and inclusive agricultural ecosystem, benefitting all stakeholders involved.

## REFERENCES

1. Samantaray, L. L. (2015). A Study on the Current Trend of Agricultural Productivity in India and its Future Prospects. Retrieved from  
<https://www.arcjournals.org/pdfs/ijhsse/v2-i4/3.pdf>
2. G., K. (2016). Literature Review Marketing in Karnataka.
3. Shakeel-Ul-Rehman, M., Selvaraj, M., & Ibrahim, M. S. (2012). Indian Agricultural Marketing - A Review. Retrieved from  
[https://www.researchgate.net/publication/329182376\\_Indian\\_Agricultural\\_Marketing-A\\_Review](https://www.researchgate.net/publication/329182376_Indian_Agricultural_Marketing-A_Review)
4. Warlina, L., Siddiq, F. F., & Valentina, T. (2019). Designing a website for online businesses in the agricultural sector. Journal of Physics: Conference Series, 1402(6), 066080. Retrieved from  
<https://iopscience.iop.org/article/10.1088/1742-6596/1402/6/066080>
5. W3Schools. (n.d.). Retrieved from <https://www.w3schools.com/>
6. YouTube. (n.d.). Retrieved from <https://www.youtube.com/>
7. Unknown Author. (n.d.). Review of Literature. Retrieved from  
[http://shodh.inflibnet.ac.in:8080/jspui/bitstream/123456789/4833/3/03\\_review%20of%20litreature.pdf](http://shodh.inflibnet.ac.in:8080/jspui/bitstream/123456789/4833/3/03_review%20of%20litreature.pdf)