

AGRICRAFT

EASY TO PURCHASE

Report on

Agricraft

Project Id:

17

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&

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Under Guidance Of Prof. Bharat Parmar

Submitted to

Department Of Computer Science
Shree Saurashtra College Of
Management And Computer Science Atkot

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❖ Declaration

I, Kukadiya Jaypal Rameshbhai, along with my project partner Bavaliya Vishal Rameshbhai, declare that the project report titled "Agricraft: An Online Platform for Vegetables, Fruits, and Grains Shopping" has been prepared by us as a part of our academic program at Saurashtra College of Management and Computer Science, Atkot, affiliated with Saurashtra University, Rajkot.

This report represents our original work and research conducted under the guidance of our project guide, BharatSir Parmar. All sources of information, data, and references used in this report have been duly acknowledged and cited in accordance with academic standards. we affirm that this project report has not been submitted previously for any other degree or examination.

Any similarities with other works are purely coincidental. we take full responsibility for the content, analysis, and conclusions presented in this report. In case of any questions or concerns regarding the authenticity of this work, we are ready to provide further clarification or evidence.

Thank You Kukadiya Jaypal Rameshbhai & Bavaliya Vishal Rameshbhai

Acknowledgement

We would like to express our heartfelt gratitude to all those who have contributed to the successful completion of our project, "Agricraft".

First and foremost, we extend our sincere thanks to our project guide, Bharatsir Parmar, for his unwavering support, expert guidance, and invaluable insights throughout the project. His mentorship played a pivotal role in shaping the project's direction and success. We are deeply thankful to the faculty members of Saurashtra College of Management and Computer Science for providing us with a conducive academic environment and access to resources that were crucial for our project's development.

We would like to express our appreciation to our project partner, Bavaliya Vishal Rameshbhai , for his dedication, collaboration, and tireless effort in bringing this project to fruition. Our partnership was instrumental in overcoming various challenges.

Finally, we would like to thank Saurashtra University, Rajkot, for providing us with the opportunity to undertake this project and expand our knowledge and skills.

This project would not have been possible without the collective efforts, support, and contributions of these individuals and institutions. We are truly grateful for their involvement.

Preface

This project report is prepared for the project completed during the course of BCA, 5thSemester undertaken at Shree Saurashtra College of Management & Computer Science—Atkot.

It is with great pleasure and a sense of accomplishment that we present this project report titled "Agricraft".

This project represents the culmination of our efforts during our academic journey at Saurashtra College of Management and Computer Science, Atkot, under the esteemed banner of Saurashtra University, Rajkot.

The world of e-commerce has witnessed remarkable growth in recent years, and the realm of online grocery shopping, particularly for fresh produce such as vegetables, fruits, and grains, has evolved significantly. Recognizing the potential and the pressing need for a platform that simplifies the process of procuring these essential food items, we embarked on this endeavor.

This report outlines the meticulous planning, tireless effort, and innovative thinking that have gone into the development of Agricraft.

Our objective was not merely to create an online shopping platform but to provide a seamless and user-friendly experience for customers seeking quality, fresh, and nutritious food products.

As students of computer science and management, this project has provided us with a valuable opportunity to apply our theoretical knowledge to a real-world scenario. We delved into the intricacies of system development, software engineering, and project management, all while keeping the needs of our potential users at the forefront.

Our project guide, Bharatsir Parmar, played a pivotal role in steering us in the right direction, offering invaluable guidance, and challenging us to push our boundaries.

❖ Project-Profile

Developed At	SHREE SAURASHTRA COLLEGE OF		
	MGT & COM. SCE.–ATKOT		
Developed By	Kukadiya Jaypal Rameshbhai &		
	Bavaliya Vishal Rameshbhai		
Project Title:	Agricraft		
Operating System:	Microsoftwindows10		
Web Server:	Xampp		
Web Browser:	Google Chrome		
Editor:	Visual Studio Code		
Back End:	PHP (MySQL)		
Languages:	HTML, CSS, Javascript, Bootstramp		
Project Guide:	Professor BharatSir Parmar		
Submitted To:	SHREE SAURASHTRA COLLEGE OF		
	MGT & COM. SCE.–ATKOT.		

❖ Technical Feasibility

✓ The system development process will meet the submission deadline three months provided by the Saurashtra university. The following is a breakdown of the activities as probable to be carried out:

20'June	Problem definition, data collection, problem description, system analysis, interpretation of collected data.
17'July	System design and construction.
01'September	System testing and debugging
18'September	Submission to the Saurashtra University.

***** Economical Feasibility

A feasibility study was carried out to determine the benefits of the current manual system and the proposed computerized system. The system is indeed feasible.

<u>Hardware</u>	<u>Features</u>	<u>Cost</u>
Laptop	Acer	30,500
Processor	Intel core i5	7,000
Hard drive	500GB	1,000
Ram	8GB	2,000
System	Windows10	10,000
	<u>Total</u>	<u>50,500</u>

❖ Introduction of Our Website

➤ This Project "Agricraft" has been developed on PHP.

Agricant - Your Fresh Food Connection:

In an era marked by convenience and the ever-accelerating pace of life, the way we procure our daily sustenance has undergone a transformative shift. Agricraft, born from the vision of **Kukadiya Jaypal Rameshbhai** and **Bavaliya Vishal Rameshbhai**, is poised to revolutionize the way you access fresh and nutritious fruits, vegetables, and grains.

***** The Changing Landscape of Grocery Shopping:

Traditional grocery shopping has often been a time-consuming and occasionally frustrating experience. Shoppers have faced challenges such as long queues, limited product variety, and the constraints of physical store hours. This is where Agricraft steps in, ushering in a new era of hassle-free, online grocery shopping.

❖ A Vision for Agricraft:

Our mission with Agricraft is simple yet transformative: to connect consumers with the freshest and highest-quality produce from local farms and trusted suppliers. We believe in the power of technology to simplify, streamline, and elevate the grocery shopping experience.

❖ Agricraft: A Glimpse into the Future of Fresh Food:

At Agricraft, we're not just an online marketplace; we're a fresh food connection. Our platform offers a wide and diverse selection of fruits, vegetables, and grains, sourced directly from local farms and growers who share our commitment to good quality.

***** Objective

❖ Main goals of Agricraft:

- ➤ **Provide Convenience:** The primary objective is to offer customers a convenient and time-saving way to purchase fresh produce from the comfort of their homes. Access to Fresh Produce: Ensure that customers have access to high-quality, fresh, and locally sourced fruits, vegetables, and grains throughout the year.
- ➤ Wide Product Variety: Offer a diverse range of products to cater to different preferences and dietary needs, including seasonal and hard-to-find items.
- ➤ User-Friendly Experience: Create a user-friendly website that is easy to navigate, even for users who may not be tech-savvy. Secure Transactions: Ensure secure and reliable payment processing to build trust and confidence among customers.
- ➤ **Timely Deliveries:** Guarantee timely and reliable delivery or pickup options to meet customers' scheduling needs.

***** Functionality

Agricraft also manage the Shopping Cart details, cash on delivery details, Customer It tracks all the information of Order, Shopping Cart etc. Manage the information of Order Shows the information and description of the Customer.

Main functionality of this project is we can manage stock from admin side and we can add more quantity as need so customers, and we provide single checkout, and if customers wants to buy more than one product and count its all amount as well.

Client Side

- Login / Registration
- Home
- View Product
- View Categories
 - Fruits
 - Vegetables
 - Grains
- Make Order
 - Shop by Category
 - Shop by Products
- Add to Cart
- Checkout
- Cancel Order
- Remove Product from cart
- Logout

> Admin Side

- Add Category
- Add Products
- See and Manage all order details
- Manage Order
- Confirm order
- Edit Profile
- Remove Products
- Manage Categories
 - Edit
 - Update
 - Delete

***** Features

***** User-Facing Features:

User Registration and Login:

Allow users to create accounts or log in via email or social media profiles. Enable secure password management and account recovery options.

Product Catalog:

Showcase a vast selection of fresh fruits, vegetables, and grains. Organize products into categories for easy navigation.

Product Details:

Display comprehensive product information, including images, descriptions, prices, and nutritional details. Highlight the source or farm where each product originates.

Search and Filters:

Implement a robust search bar to find specific products quickly. Offer advanced filters by category, price range, freshness, and more.

Shopping Cart:

Allow users to add and remove items from their carts. Display a summary of selected items and their total cost.

***** Checkout Process:

Provide a seamless and secure checkout experience. Support various payment options, including credit/debit cards, digital wallets, and cash on deliver

Administrator Features:

Product Management:

Add, edit, and remove products from the catalog. Update product details, pricing, and inventory levels.

Order Management:

View and process incoming orders. Manage order statuses and send notifications to customers.

User Management:

Administer user accounts and roles. Handle user data, including addresses and contact information.

! Inventory Control:

Monitor and maintain real-time product availability. Set up low stock alerts for replenishment.

***** Content Management:

Manage website content, including banners, promotions, and announcements. Update seasonal offerings and special promotions.

Analytics and Reports:

Generate reports on sales, user behavior, and website performance. Utilize data insights for business decision-making.

❖ System Development Life Cycle(SDLC)

- 1.Requirementgathering
- 2.System Analysis
- 3.Designing
- 4.Coding
- 5.Testing
- 6.Implementation
- 7.Documentation

The System Development Life Cycle Method is Classically thought of as the set of activities that analysts, designer, and users carry out to develop and implement an information system. This method consists of seven steps. In most business situations the activities are all closely related, usually inseparable, and even the order of the steps in the see activities may be difficult to determine.

Different parts of the project can be in various phases at the sametime, with some components undergoing analysis while others are at advance design stages.

The system development life cycle model was developed as a structured approach to information system development that guides all the processes involved from an initial feasibility study through to maintenance of the finished application.

1. Requirement gathering

- First we collected all the information about our project.
- We took basic knowledge from our a classmets, youtube and tutorials.
- Xampp installation and Set Up
- Download photos of Vegetables, Fruits and Grains etc.
- Divided the min to category called.
 - Fruits
 - Vegetables
 - Grains
- In our Application (Client Side) bottom navigation has home fragment, shopping cart fragment and profile fragment.
- We Collected all the things we needed in the making of the project.
- In our Application (Admin Side) Admin Can Add Category, Add Products, and view the all order details and manage it.
- Customers can buy best and fresh products that's the main motive of this Application.
- This project "Agricraft" has been developed in PHP.
- It tracks all the information about customer, shopping cart, payment detail.

2. Analysis

First we visited 5 websites and took information about it what things a website will need.

- We Creating his project using following site:
 - www.jiomart.com
 - www.bigbasket.com
 - www.otipy.com
 - http://fastandfresh.com
 - www.farmersfz.com
- In Our Application Client Slide Login and Registration.
- Every product will be categorised that client can view.
- There will be categories (Fruits, Vegetables and Grains) and Client Add Product in shopping cart.
- Client can checkout and also can Remove Product, and Logout.

* Admin Side:-

- In admin side there will be 3 options given below.
 - Add Category
 - Add Products
 - All Order Details
- Admin can manage category can add category edit category, to add category they have to a select image, then to name the category and click on the add category button then client can see all the categories.

Client Side:-

- Client can use google pay, phonepe, paytm to do online payment.
- In Admin Side admin can cancel the product, order the product, dispatch the product that client did.
- Admin can deliver the product and if the product is delivered then there will be a option appear of "delivered".

3.Design

We had designed website which looks very attractive to the customers that's point we remind and make good design.

4. Coding

We start building the entire system by writing code in the perticular language chosen earlier.

5. Testing

We Test best of our at both client and admin each and every page in deep.

6. Implementation

In this all the things we did before we have to implement the min the website.

7. Documentation

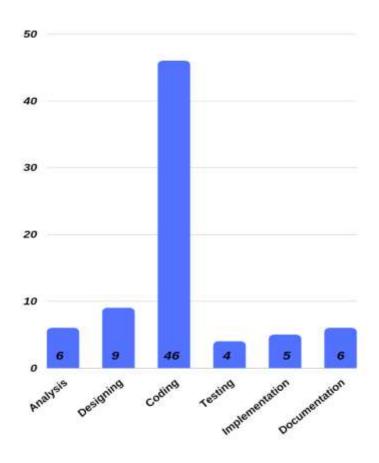
After the project is completed entirely we have to make a document about the project.

❖ SDLC Diagram

✓ The system development life cycle method is classically thought of as the set of activities that analysts, designer and users carry out to develop and implement an information system.







SR.NO.	WORKNAME	DATE	TOTALDAYS
1	Requirement Gathering	20/06/2023	11
2	System Analysis	01/07/2023	06
3	Designing	07/07/2023	09
4	Coding	17/07/2023	46
5	Testing	01/09/2023	04
6	Implementation	05/09/2023	05
7	Documentation	10/09/2023	06

Figure:1

❖ Data Flow Diagram

> 0 level DFD:-

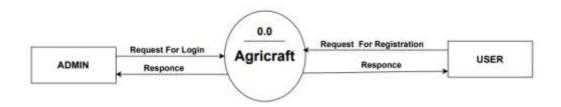


Diagram: 1.0levelDFD

> 1ST level DFD:- (User Side)

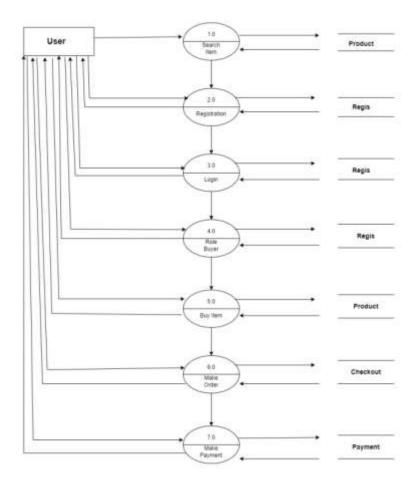


Diagram:2.1 Level DFD(User)

> 1ST level DFD:- (Admin Side)

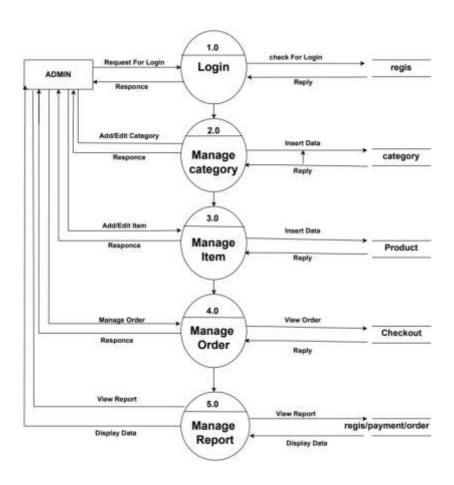


Diagram: 3. 1 Level DFD(admin)

> 2nd level DFD (3.0) :- (Admin Side)

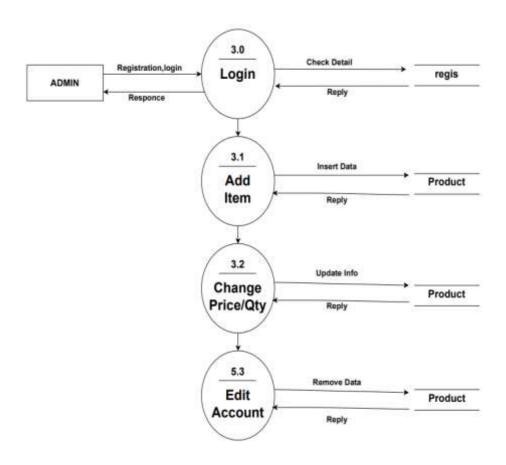


Diagram: 4. 2nd Level DFD(3.0) (admin)

> 2nd level DFD (4.0) :- (User Side)

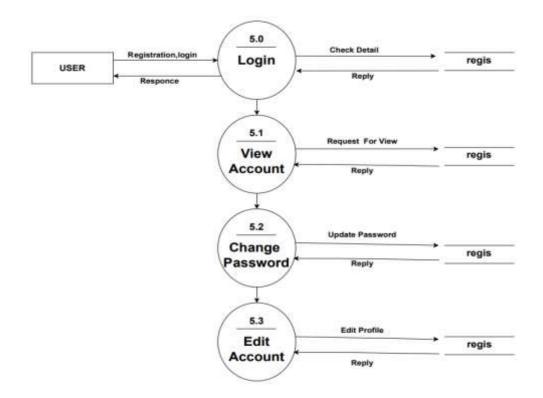


Diagram: 5. 2nd LevelDFD(4.0)(User)

> 2nd level DFD (5.0) :- (Admin Side)

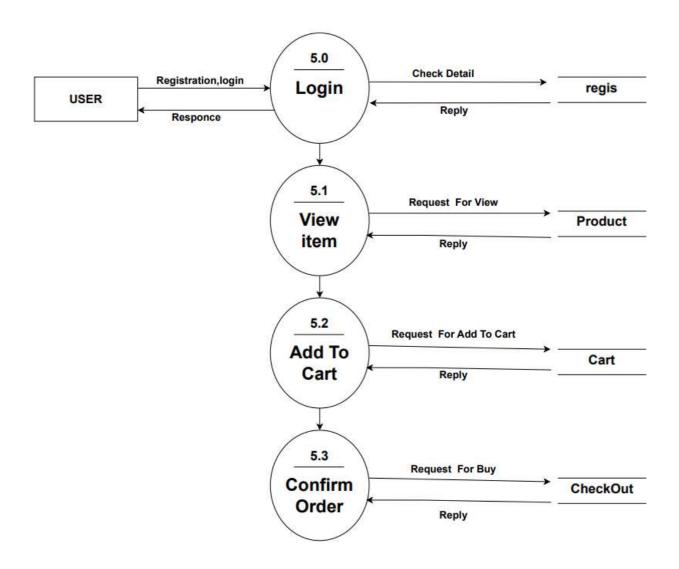


Diagram: 6. 2nd Level DFD(5.0)(Admin)

ER Diagram:-

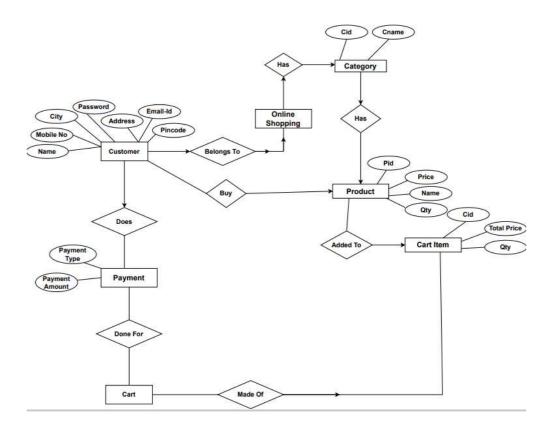


Diagram:7.ER Diagram

Class Diagram :-

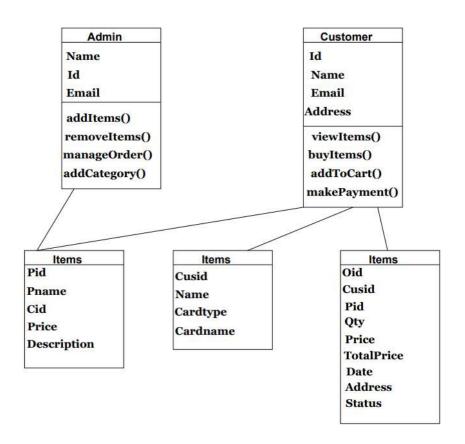


Diagram:8.Class Diagram

▶ Use Case Diagram:-

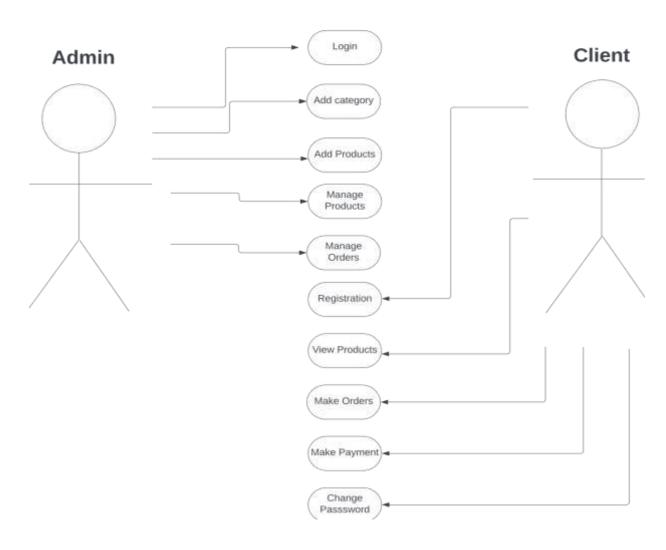


Diagram:9.Use Case Diagram

➤ Activity Diagram(User):-

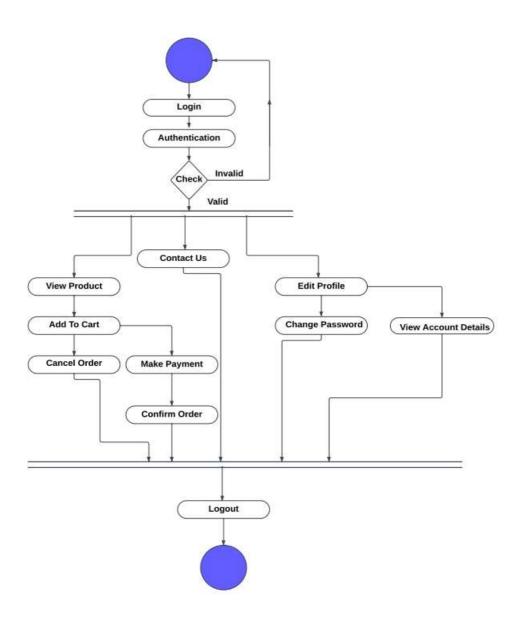


Diagram:10.Activity Diagram(User)

> Activity Diagram(Admin):-

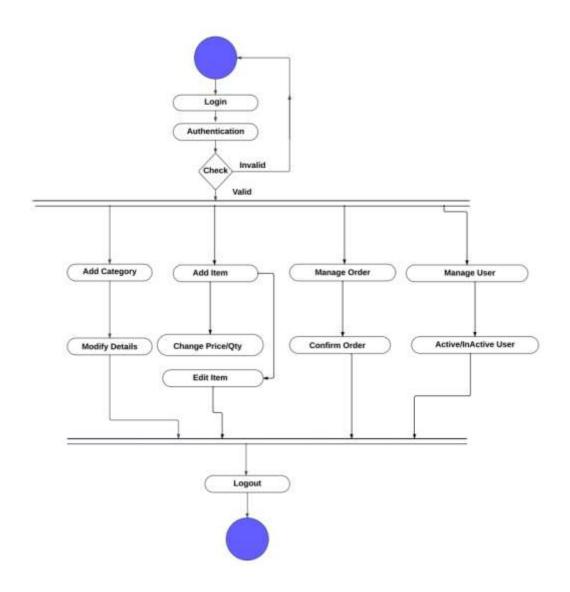


Diagram:11.Activity Diagram(Admin)

❖ Data Dictionary

> Data fields (Database Design)

The following are the designs of the tables that shall be used to store the data in the system.

1.Orders:-

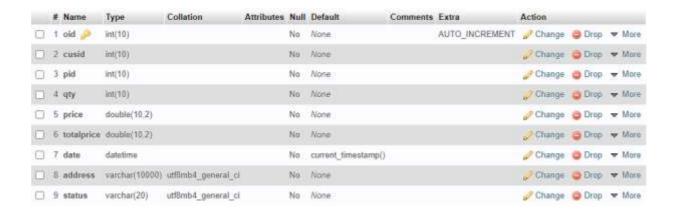


Image:1.All Orders

2. Categories:-

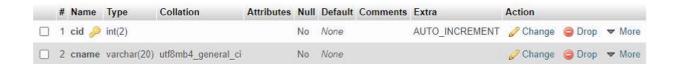


Image:2.Categories

3. Stock:-



Image: 3.Stock

4. Contact:

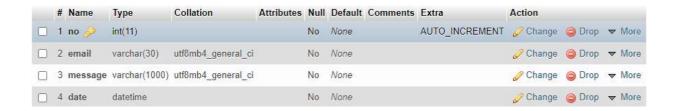


Image:4.Contact

5. Product:

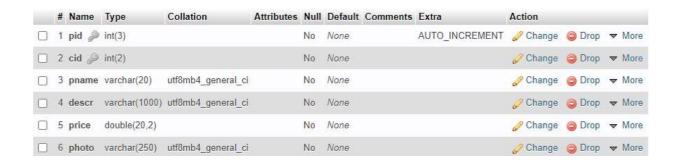


Image:5.Products

6. Cart:-

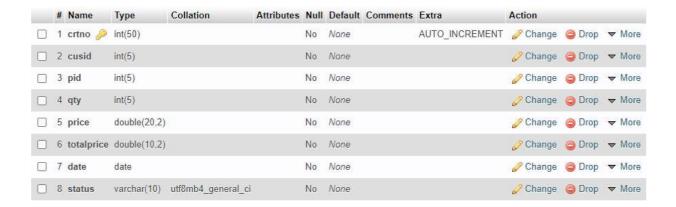


Image: 6. Cart

7. Registration:-

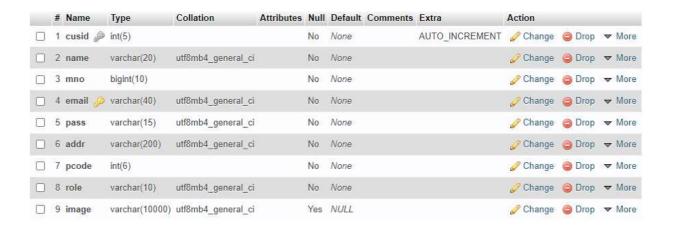


Image:7. Registration

Screenshot Of Project

> Client Side ScreenShot ::

1.Login page:-



1.Image:- Login page

➤ It is login page of our Application if user wants to buy products they have to login here.

2.Sign up Page:-



Registration:





Image:2.Sign up Page

> Once user register, they can login.

3.Home page:-



Product Gallery:



Image:3.Home page

➤ It is first page of our Application, here are different different products, user can see all the products and also buy.

4.Product Page:



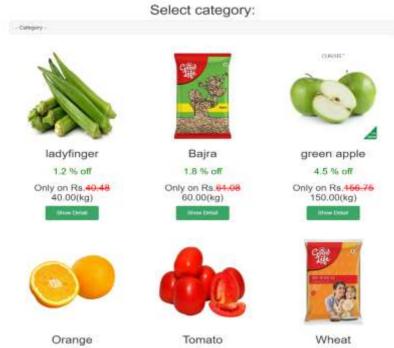


Image:4.Product Page

➤ User can see all the Products and they can Purchase any Product.

5.Product detail page:-

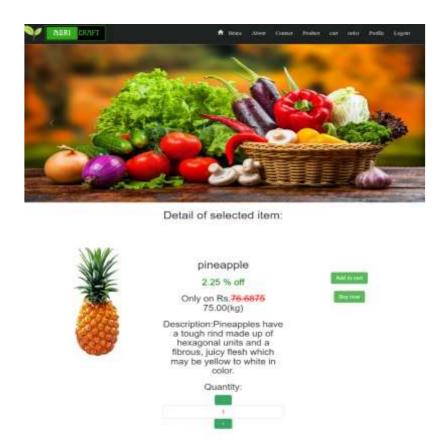


Image:5.Product Detail Page

➤ There is one product Detail pages how here Product name, Product Price, and Product description.

6.Add To Cart:-



Image:6.Cart page

> User can see product added by them and checkout or remove it.

7.Order Page:-

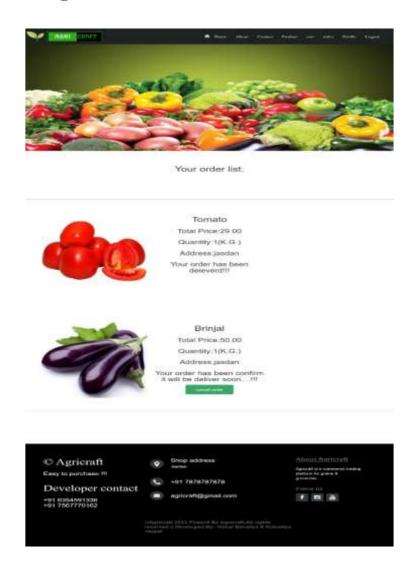
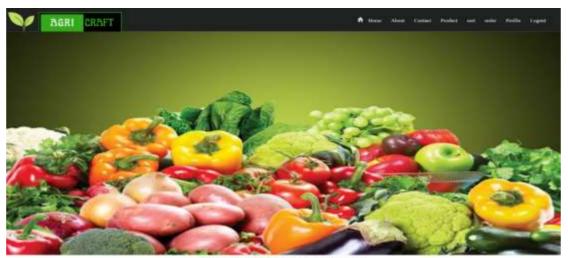


Image:7.order

> All the ordered item displays here.

8. Payment Getway:-



Select Payment Method

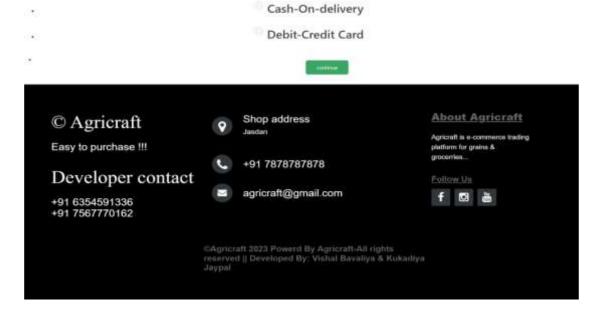


Image:8. Payment Getway page

- ➤ User can use2method for Payment
 - **1.** Cash on Delivery
 - 2. Credit card/ Debit card

 And After that they can place the order.

Prepared by :- Vishal Bavaliya & Jaypal Kukadiya

9.Payment Detail:-

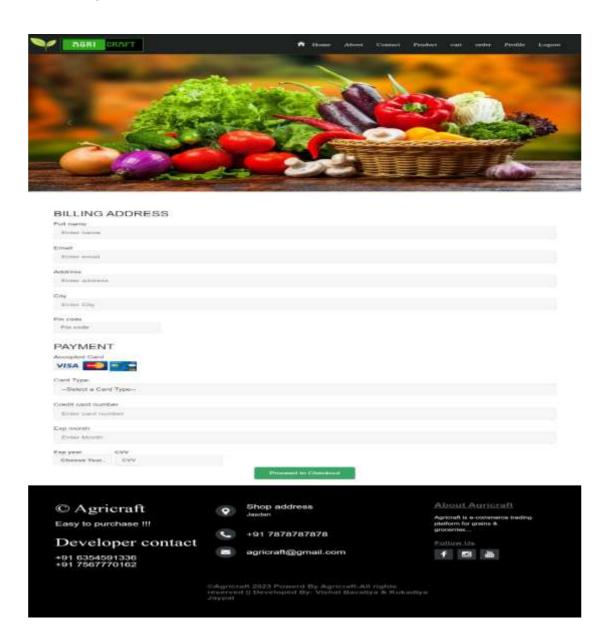


Image: 9. Payment detail page

> After filling this from and pay then you can place order.

10.Profile Page:-

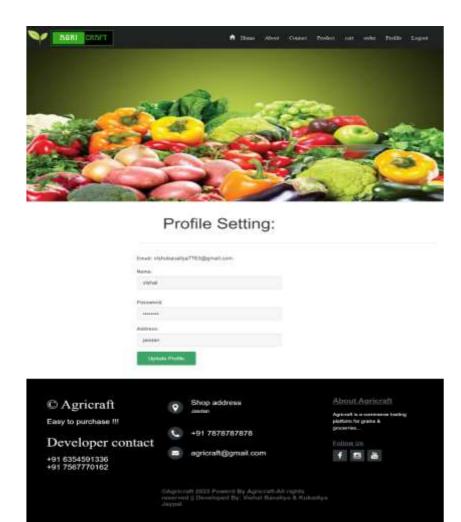


Image:10.Profile Page

➤ In Profile page user's Name, Password, Address will be shown and they can update it also.

> Admin side Screenshot:

1.Home Page:-

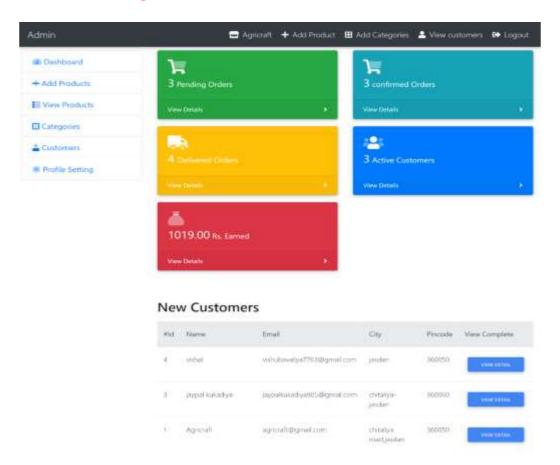


Image:1.HomePage

➤ It is Admin home page the reare diffirent Category on this page.

2.Add Category:-

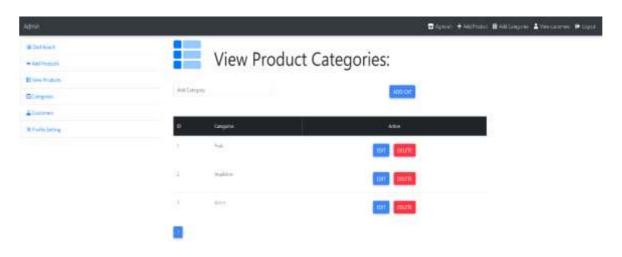


Image:2.AddCategory

➤ Here, admin can add Category with category's name and see the all category.

3. View Product:-

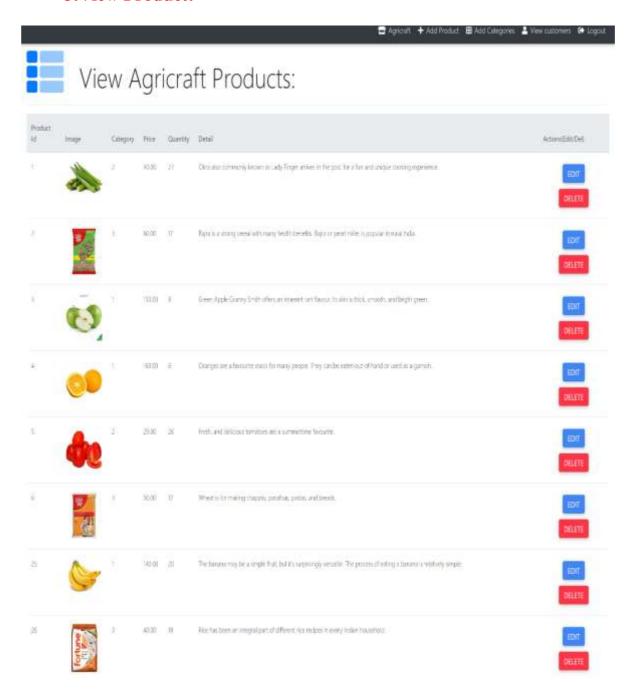


Image:3.View product page

In this page admin can see all the products.

4.Add product:-

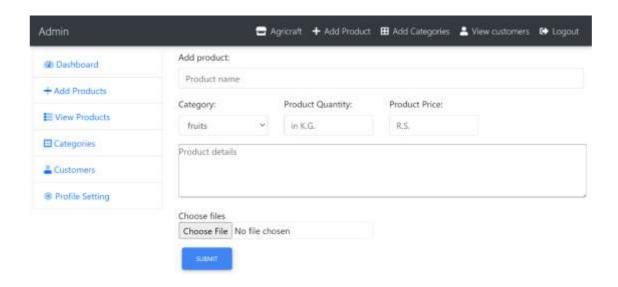


Image: 4. Add product

➤ This is the First page when Admin Add Product.

5.Add Category:-

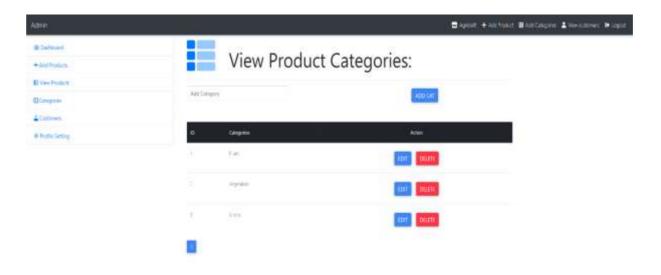


Image:5.Add Category Page

Admin can view, add and Update category.

6.Pending Order Details:-

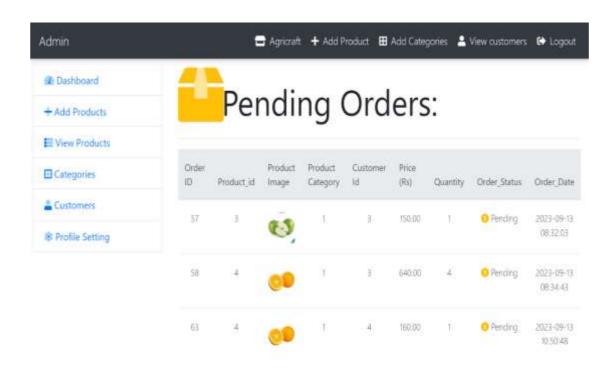


Image:6. Pending order page

➤ Admin can also view pending orders.

7. Confirmed Order Details:-

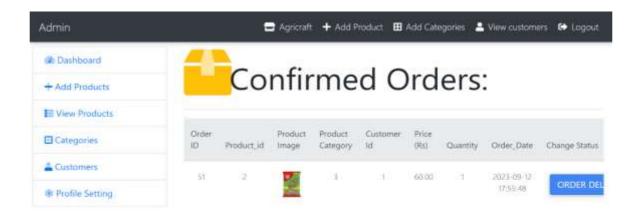


Image:7. Confirmed order page

Admin can also view pending orders and deliver it by clicking order deliver button.

8.Delivered Order Details:-

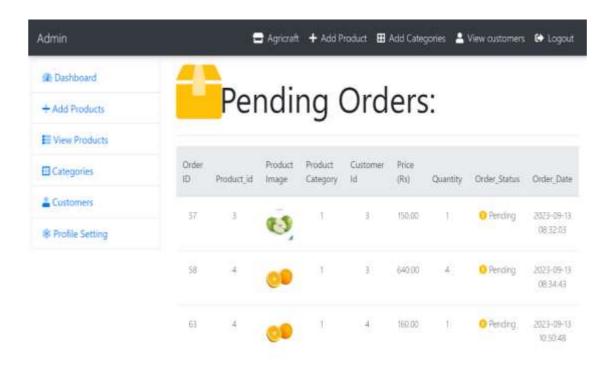


Image:8. Delivered order page

Admin can also view Delivered orders.

9. Customer's detail page:-



Image: 9. Customer's details page

Admin can also view customer's Details.

10.Profile Setting Page:-

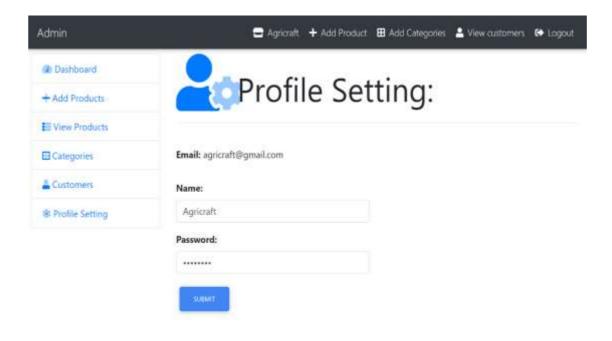


Image:10.Profile Setting Page

> Admin can update name and password.

11.Login Page:-





Image:11. Login page

Admin must have to sign in to manage admin side.

***** Conclusion

This project is designed to meet the requirements of customers. it provides all the facilities for the user. In conclusion we have discussed about order processing system its content, what is order processing in a page system, the UML class for user order processing system the different.

It has been developed in PHP, keeping in mind the specifications of the system, we have shown an example of a class diagram for order processing system and lastly we explained what is order processing system.

Creating a DFD will help you see what inputs and outputs the system needs to process and transfer. Not only that, but you can also connect its diagram to other diagrams.

.

***** Bibliography

To make this project we have taken source from these websites. They were very helpful to create this project.

***** WEBSITES::

https://fastandfresh.in

https://storehippo.com

http://otipy.com

http://youtube.com

http://youtuble/oQqAkopw3/m

http://in.pinterest.com

http://farmersweb.com

http://farmersfz.com

https://bigbasket.com

https://jiomart.com

http://bombayfarmingco.com

http://farmer.gov.in

http://grofers.com

http://nature'sbasket.com





