

A
PROJECT REPORT ON
“Floweraura”



In the fulfillment of the Requirement for the Degree of

Master of Computer Application
(M.C.A.)

Submitted By

Mr. Vijay Raju Kale.

To

G. H. Raisoni Institute of Business Management, Jalgaon

Affiliated To

**Kavayitri Bahinabai Chaudhari, North Maharashtra
University, Jalgaon**

2022-2023

ACKNOWLEDGEMENT

A successful project is the result of a good team-work which consists of not only the partners who put in their long and hard work but also those who guided them. Indeed, a true saying.

I would like to thank “**GTL Software Pvt. Ltd.**” for giving me an opportunity to work with them and for providing me all the requisite support.

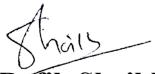
I would like to thank **Hon. Dr. Preeti Agrawal** and **Hon. HOD Mr. Rafik Shaikh Sir** and our Project guide **Dr. Manisha Deshmukh** all my college **Faculty Members** for providing me with valuable support and guiding me throughout my college days.

I would also like to thank my **family and my friend Miss Harshada Patil** for being so supportive and generous to me throughout my learning days.

Thanks and Regards
- **Mr. Vijay Kale**

CERTIFICATE

This is to certify that, **Mr. Vijay Raju Kale** is our student of MCA-IV semester having a Roll No. 21104057 and has submitted her major project on the topic of **Floweraura** in the academic year 2022-2023, as per the requirement of G.H Raisoni Institute of Business Management, Jalgaon .



Mr.Rafik Shaikh
HOD



External



Dr.Preeti Agrawal
Director

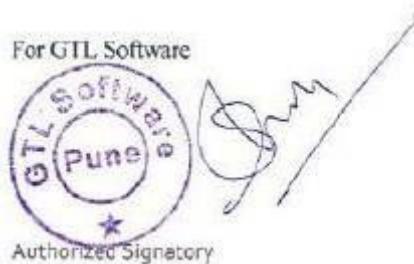


CERTIFICATE

To whom so ever it may concern

This is Certified That **Mr. Vijay Raju Kale** Student from **G. H. Raisoni Institute Of Business Management , Jalgaon** is working with us as an software developer -Intern From 15th March 2023 to 1st July at **GTL Software Pvt. Ltd, Pune** Under the Guidance Of **Mr Rahul Sharma and Shilpa Terdal**

Documentation of the Application in the project report is not feasible due to its confidential nature. The Interns are not allowed to share the application outside the work space



Sign of

PROJECT GUIDE

Sign of

(CEO, Rahul Sharma)



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Problem Definition

1. This project aims to develop an online shopping system for customers with the goal so that it is very easy to shop your loved things from an extensive number of online shopping sites available on the web.
2. With the help of this you can carry out an online shopping from your home.
3. Here is no compelling reason to go to the crowded stores or shopping centres during festival seasons.
4. You simply require a PC or a laptop and one important payment sending option to shop online.
5. Online Shopping System is also designed for to overcome those problems using manual system such as the possibility the paper order is high.
6. Many shops use conventional system, which is on paper-based, for purchasing product.
7. Customer can login to the system to maintain his account information, such as changing phone number, address, and check the status of his orders.
8. Therefore, Online Shopping developed to enhance the efficiency and accuracy of taking order. Besides that, conventional system cannot see the sales history therefore Online Shopping designed to view the sales history.
9. Online Shop System Problem Statement Customer can browse through the product catalogue and add the items to shopping cart.
10. Hence, an efficient system is required to eliminate such problems after a structural analysis of the existing system.

Existing System

1. The present scenario for shopping is to visit the shops and market manually and then from the available product list one needs to choose the item he or she wants and then pay for the same item mainly in cash mode is done, as not every society is well educated and aware to use net banking or card modes or wallets etc.
2. This system is not much user-friendly as one needs to go to the market physically and then select items only from the available list. So mostly it is difficult to get the product as per our desire. Description About the products is less available and are mostly verbal only. For gifts, this type of shopping, one needs to have an ample amount of free time.
3. Also, not really good markets exist everywhere, so many times good markets become out of reach for certain people. In the proposed system customers need not go to the shops for purchasing the products. He/she can order the product he/she wishes to buy through the use of this system. The shop owner can be the admin of the system.
4. The shop owner can appoint officials particularly to handle this, who will help the owner in managing the customers and product orders. The system also endorses a home delivery system for delivering the purchased products.
5. In existing system for giving any orders, users should visit product shop to know about product, give them order, and pay advance.
6. In this method, time and manual work is required.
7. Maintaining critical information in the files and manuals is full of risk and a tedious process.
8. The existing system serves a major drawback to the realization of efficiency and customer satisfaction.
9. The experience of ordering in most shop is not pleasant for the customers.

Need for the New System

1. There is always a need of a system that will perform to ordering of flowers, cakes, personalized gift products online
2. This system will reduce the manual operation required to maintain all the records.
3. This online shopping application enables the end users to register online, select the product from the Catalog, and view the product or search.
4. The product and order product online by just selecting product which user wants.
5. By using this application, Easy to solve customer query, any record is easy to store and manage, Easy to purchase product, Give the Discount Offer for Customer, and provide shipping method

Scope of the Work

1. The main purpose to develop this project Online Shopping System is to sell the flower, cake, and flower pot, gift of birthday, anniversary etc. items online. This project is basically developed for India for focus on locally.
2. Purchasing and selling products and services over the internet without the need of going physically to the market is what online shopping all about. Online shopping stores offer product description, pictures, comparisons, price and much more.
3. Few examples of these are Amazon.com, ebay.com and the benefits of online shopping is that by having direct access to customer, the online stores can offer special products to the customer, cookies can used for tracking the customer selection over the internet or what is of their interest when they visit the site again.
4. Online shopping makes use of digital technology for managing the flow of information, products, and payment between customer, site owners and suppliers.
5. Shopping cart is one of the important facilities provided in online shopping, this lets customer to browse different types of product and services and once they select an item to purchase, they can place the item in shopping cart, and continue browsing till the final selection.
6. Customers can even remove the items from shopping cart that selected earlier before they place the final order.

Module Specifications:

Admin:

- Admin can manage user and customer account.
- Admin can manage product.
- Manage product category.
- Admin can manage the orders of customers.
- Generate bill.
- View the feedback.

Customer:

- Customer Registration.
- Update the details.
- Search the products as per there requirements.
- Customer can view the product.
- Customer can buy the products or give the order.
- Pay the bill cash on delivery.
- Give Feedback.

Employee/Delivery boy:

- View order details.
- Deliver order.
- Give bill & Receive payment

Login Module:

- User name.
- Password.

Feedback:

- Customer Give feedback.
- Admin View Feedback.
- Delivery boy feedback

Online Shopping System Modules: -

1. Login Module:

In this module, the DBA or the customer will have to authorize his access to the modules of the online software system.

2. Customer Module:

In this module, there are two types of users one is registered and second is unregistered user. Registered user creates account and buys the product. This module helps the customer to edit his/her profile details, view the orders.

3. Admin Module:

In this module, the work of admin can be proceeded with i.e. maintenance of the website, review customer's feedback and queries, bill maintenance.

4. Product:

In this module, we can add, edit and delete the products.

5. Search Module:

In this module, product search using high-performance search system with an option to search by selected attributes.

6. Feedback:

In this module, the customer can give some valuable feedback or ask a query pertaining to a product.

Limitations of Existing System

Due to manual system has following limitations:

- In the existing system all transactions of product, purchasing product which is done manually which is time consuming.
- There is no computer system for handling payments. All calculations performed manually, which may not be accurate always maintaining the record is really a tedious task.
- To buy product user has to collect information about it either by visiting the shop or by asking people, which is the better one.

Feasibility Study

Feasibility study carried out whether there is complex problem. A feasibility study is undertaken to determine the possibility or probability of either improving the existing system or developing completely new system. Feasibility study evaluates the cost and benefits of the proposed system.

There are three aspects of feasibility study, which should be check.

Following are the types of Feasibility Study:

- 1. Technical Feasibility**
- 2. Economic Feasibility**
- 3. Operational Feasibility**

➤ Technical Feasibility:

Definition: “Technical feasibility is carried out to determine whether the company has the capability, in terms of software, hardware, personnel and expertise, to handle the completion of the project.”

Technical feasibility determines whether it is possible to develop the project with available equipment, available software technology and the workers. If there is any kind of need in order to develop software in this case the cost of hardware, software and technical equipment are considered.

Our system used hardware, software which are we used the Windows 10 operating system, processor Intel® Core™ i3 CPU, RAM 4 GB, Hard Disk 500 GB, Front end and back end are PHP and MySQL respectively. Therefore, we do not require costly hardware.

There is lot of security, accuracy and reliability in system by considering the above reason the system is technically feasible.

➤ **Economic Feasibility:**

Definition: “Economic analysis is the most frequently used method for evaluating the effectiveness of a new system. Most commonly called as cost or benefit analysis, the procedure is to determine the benefits and saving that are expected from a candidate system and compare them with costs.”

It is the study of economic benefits of this software. More commonly known as cost/benefit analysis, the procedure is to determine the benefits and savings that are expected from a candidate system and compare them with costs. If benefits outweigh costs, then the decision is made to design and implement the system. An entrepreneur must accurately weigh the cost versus benefits before taking an action. These websites save our money and time.

➤ **Operational Feasibility:**

Definition: “Operational feasibility is a measure of how well a proposed system solves the problem and takes advantages of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.”

Operational feasibility is a measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

After implementing the system, the system-training program are arranged for the users. The people who are familiar with information system as well as the techniques carry this out. They are experienced persons like system analyst or managers. The cost of the training program as well as space requirement for implementation of the system and the other assets are considered. Therefore, our system is operationally feasible.

1. It is user-friendly system.
2. Does not require special training.
3. Provide better security.
4. Any user having technical knowledge or not can operate system.

Requirement Analysis

The requirements can be defined as "A complete understanding of the software development effort. No matter how well designed or well coded, a poorly analysed and specified program will disappoint the user and bring grief to the developer."

❖ **Requirements may be either:**

- ✓ Functional, describing the facilities of the system.
- ✓ Non-functional, describing constraints which may impact later development phases.

➤ **Functional Requirements:**

After careful analysis the system has been identified to have the following functional modules:

1. Registration -

If customer wants to order flower, cake, and flower pot, gift of birthday, anniversary etc. items then he/she must be register. Unregister customer cannot buy the product.

2. Login -

Customer logins to the system by entering valid user id and password for order the products online.

3. Changes to Cart -

Changes to cart means the customer after login or registration can make order or cancel order of the item from the cart.

5. Logout -

After the payment or searching, the product the customer will logged out.

6.Report Generation -

After all transaction, the system can generate the portable document file (.pdf) and then sent one copy to the system database to calculate the monthly transaction.

➤ Non-Functional Requirements:

1. Security -

The system uses SSL (secured socket layer) in all transactions that include any confidential customer information. The system must automatically log out all customers after a period of inactivity.

The system should not leave any cookies on the customer's computer containing the user's password. The system's back-end servers shall only be accessible to authenticated administrators.

Sensitive data will be encrypted before sent over insecure connections like the internet.

2. Reliability -

The system provides storage of all databases on redundant computers with automatic switch over. The reliability of the overall program depends on the reliability of the separate components.

The system has a backup of the database, which is continuously maintained and updated to reflect the most recent changes.

Thus, the overall stability of the system depends on the stability of container and its underlying operating system.

3. Availability -

The system should be available at all times, meaning the user can access it using a web browser, only restricted by the down time of the server on which the system runs. In case of a hardware failure or database corruption, a replacement page will show. Also, in case of a hardware failure or database corruption, backups of the database should be retrieved from the server and saved by the administrator. Then the service will be restarted. It means 24 X 7 availability.

4. Maintainability -

A commercial database used for maintaining the database and the application server takes care of the site. In case of a failure, a re-initialization of the program will be done. In addition, the software design done with modularity in mind so that maintainability done efficiently.

5. Portability -

The application is HTML and scripting language based. Therefore, the end-user part is fully portable and any system using any web browser should be able to use the features of the system, including any hardware platform that is available or will be available in the future.

An end-user is using this system on any OS; it is either Windows or Linux. The system shall run on PC, Laptops, and PDA etc.

System Requirements

➤ Hardware Requirements:

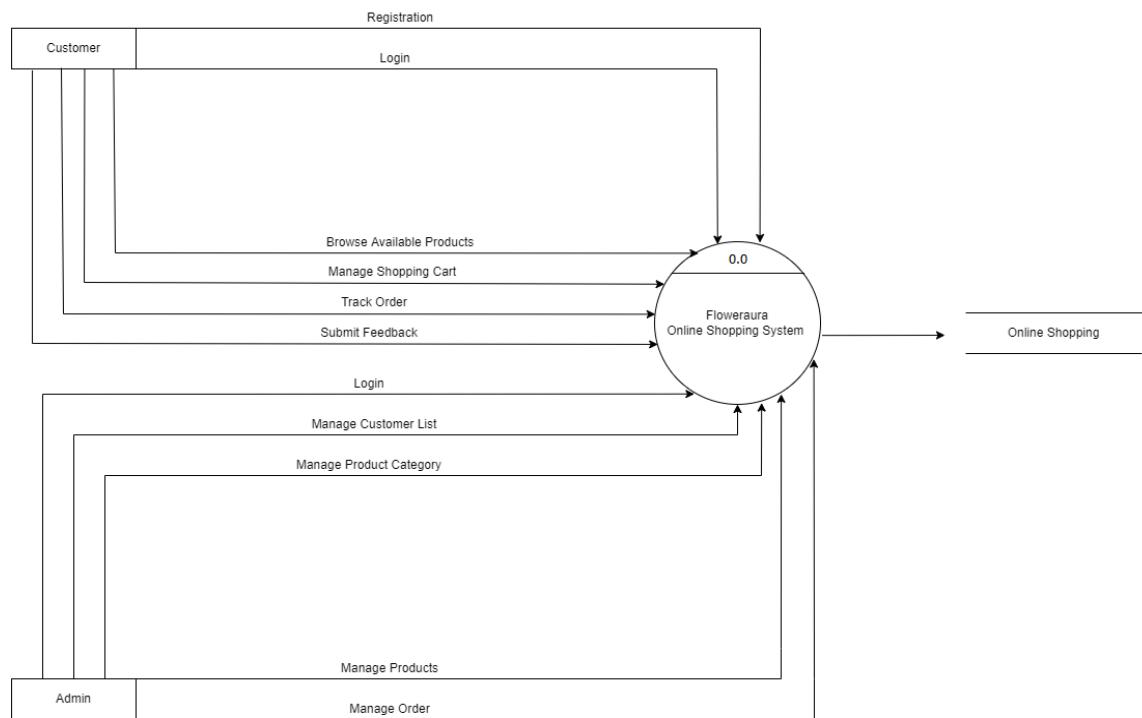
	System should have the internet connection.
Processor	Pentium 4 Intel core i3and 1GHz Minimum
RAM	Minimum of 512 MB. The recommended amount can vary depending on the number of users connected and other factors.
Hard Disk	3 GB of available hard-disk space for installation, additional free space is required during installation.

➤ Software Requirements:

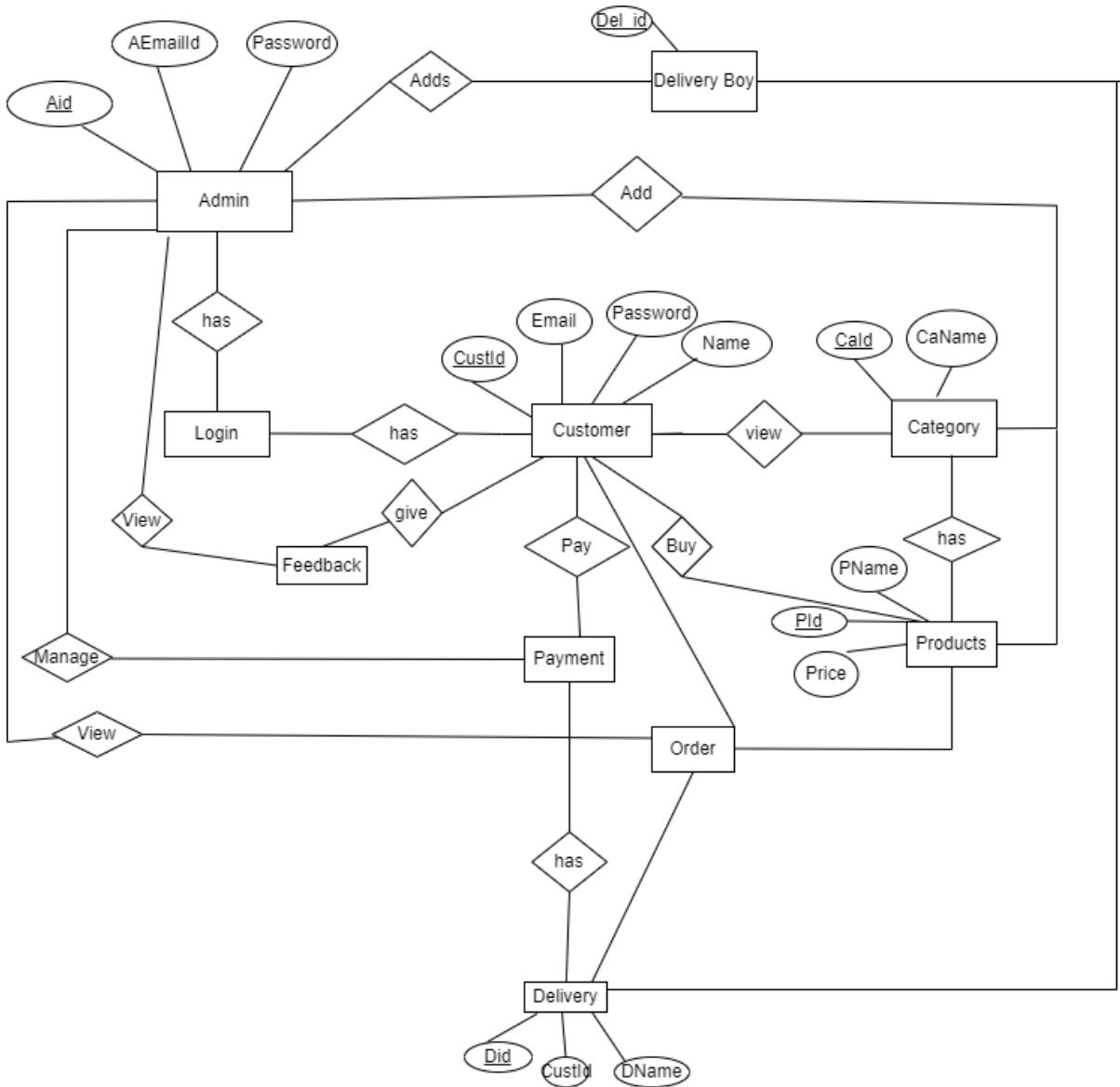
Operating System	Windows 10
Browser	Chrome, Internet Explorer or any compatible web browser
Database	MySQL
Web Server	Apache
Language/Technology	PHP, HTML5, CSS3, jQuery, Bootstrap, JavaScript.

Analysis and Design

➤ Data Flow Diagram(DFD):

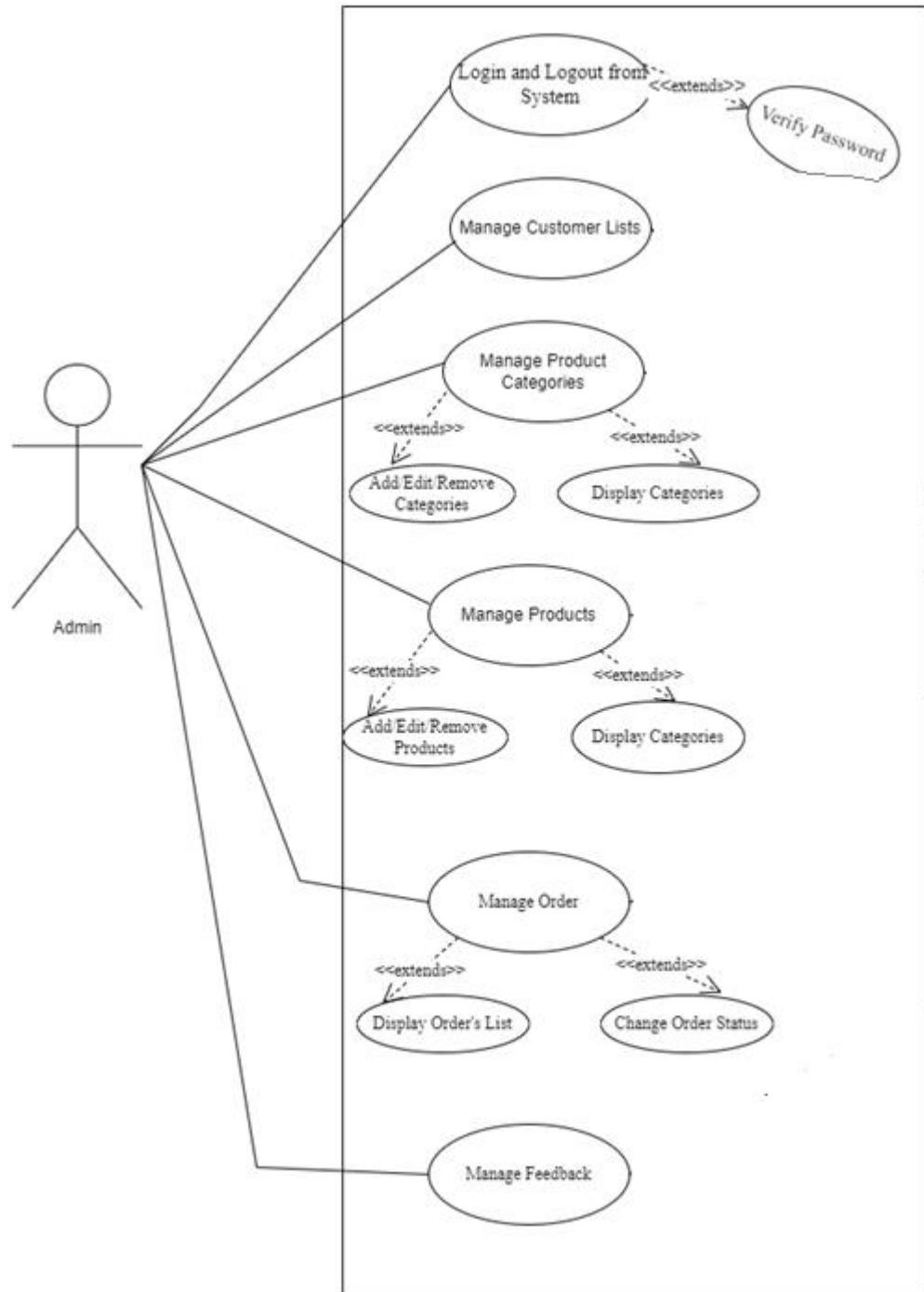


➤ Entity Relationship Diagram (ERD):

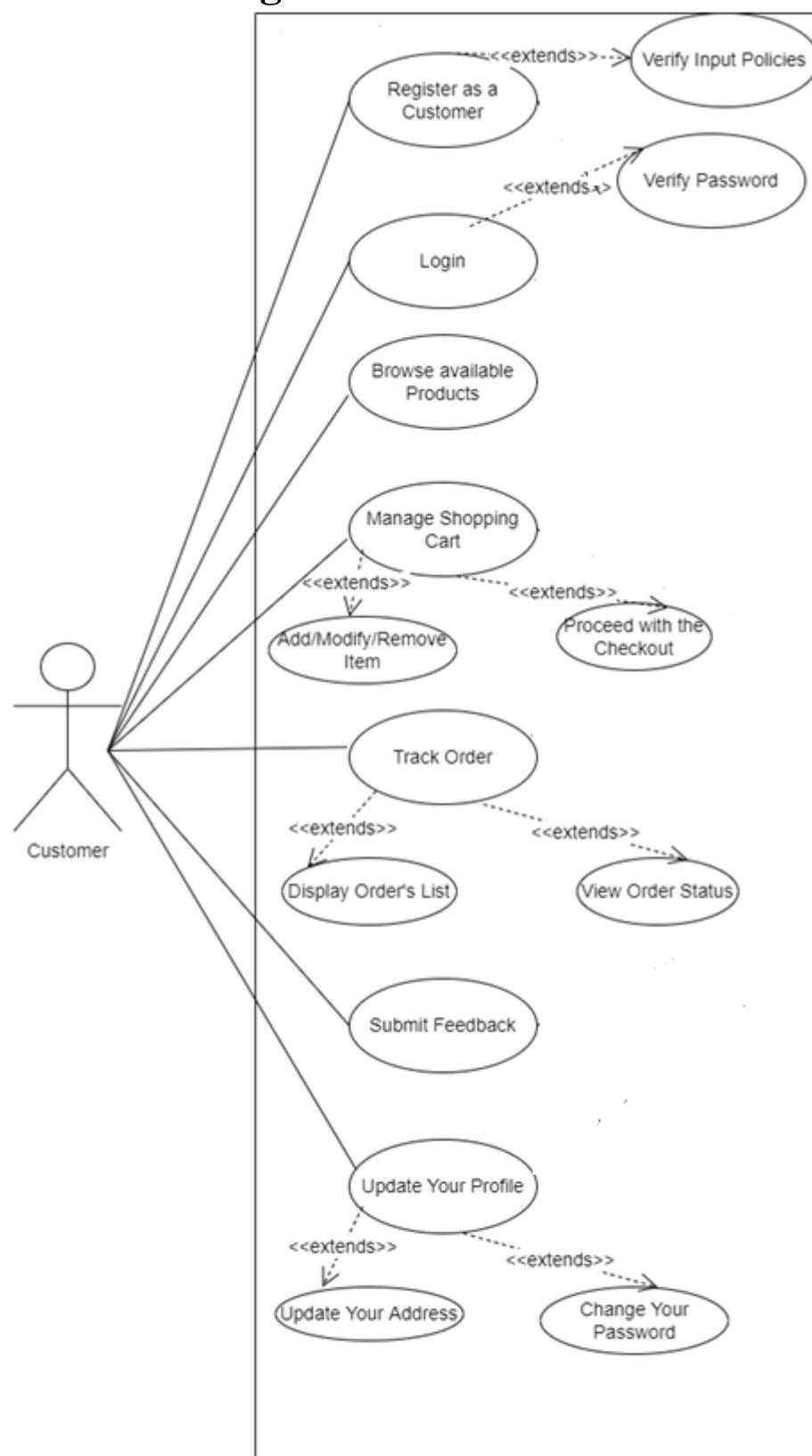


UML (Unified Modeling Language) Diagrams:

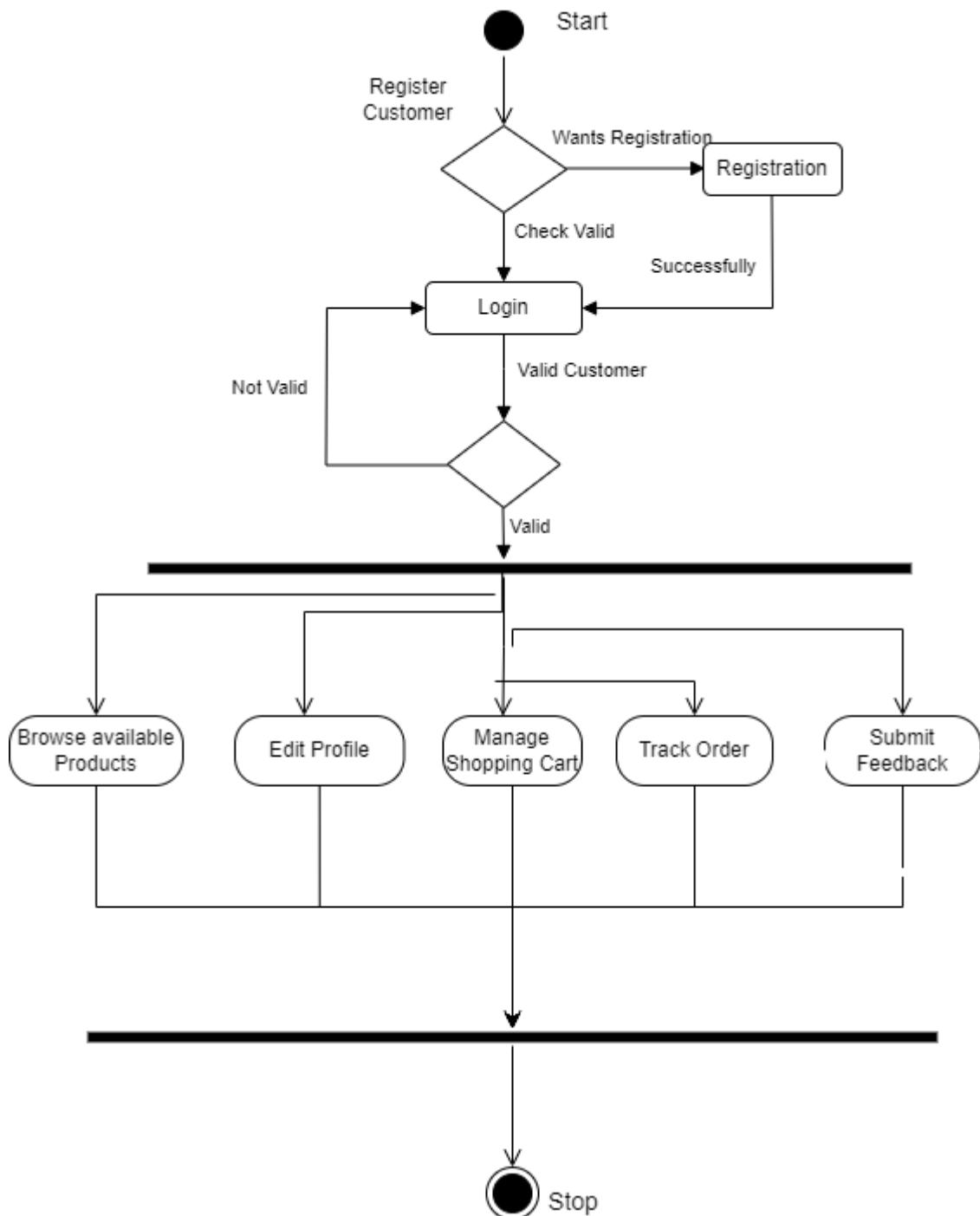
➤ Use Case Diagram for Admin:



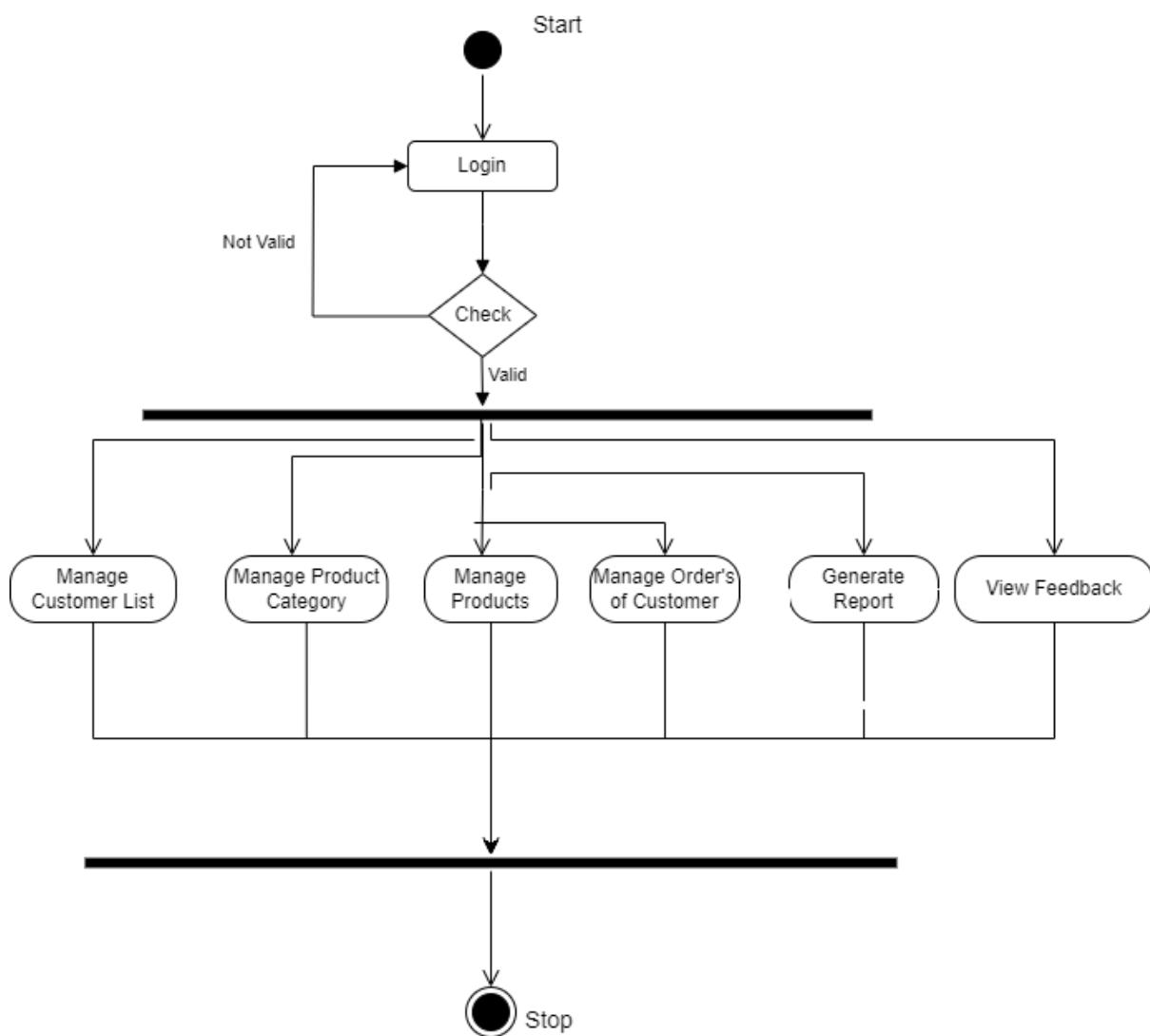
➤ Use Case Diagram for Customer:



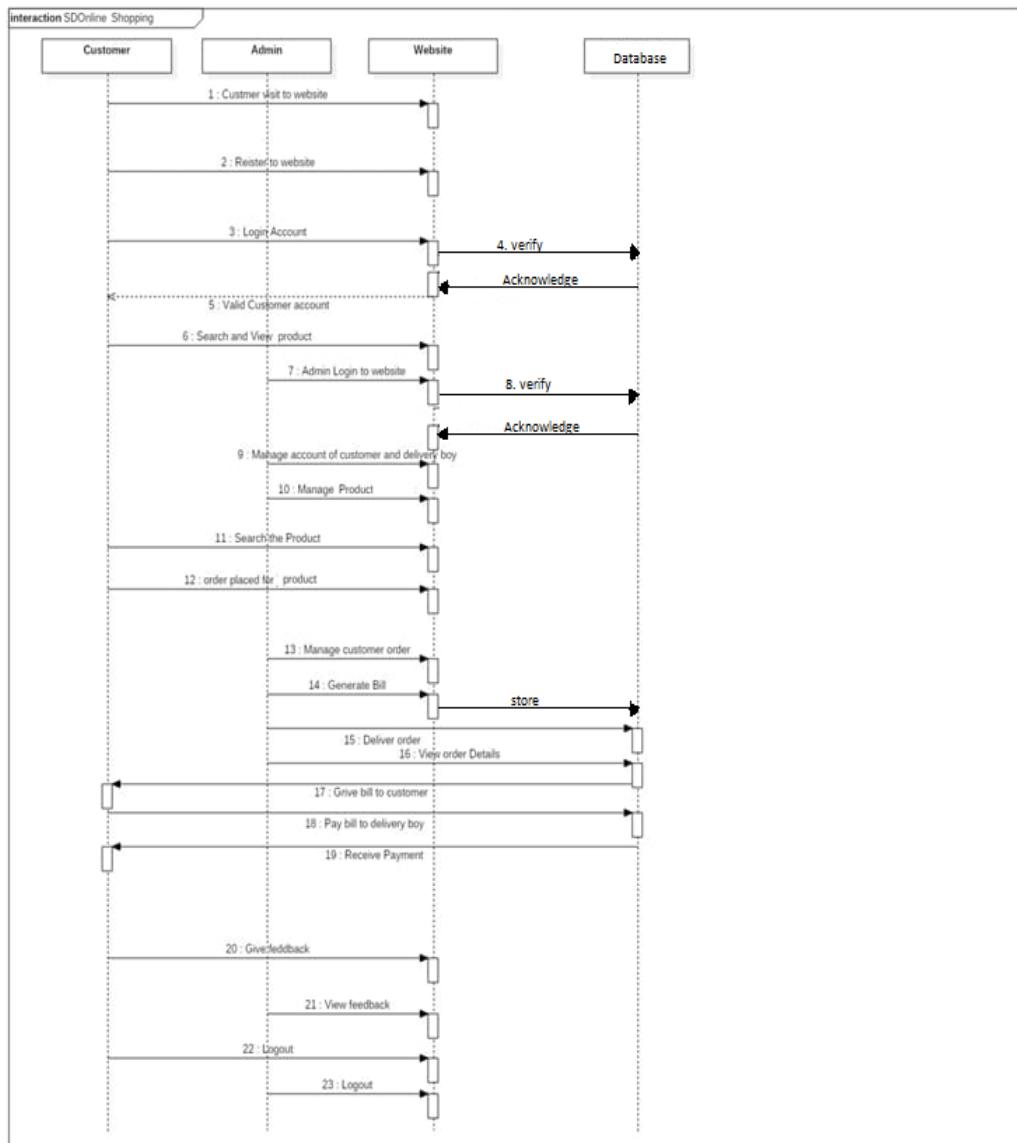
➤ Activity Diagram for Customer:



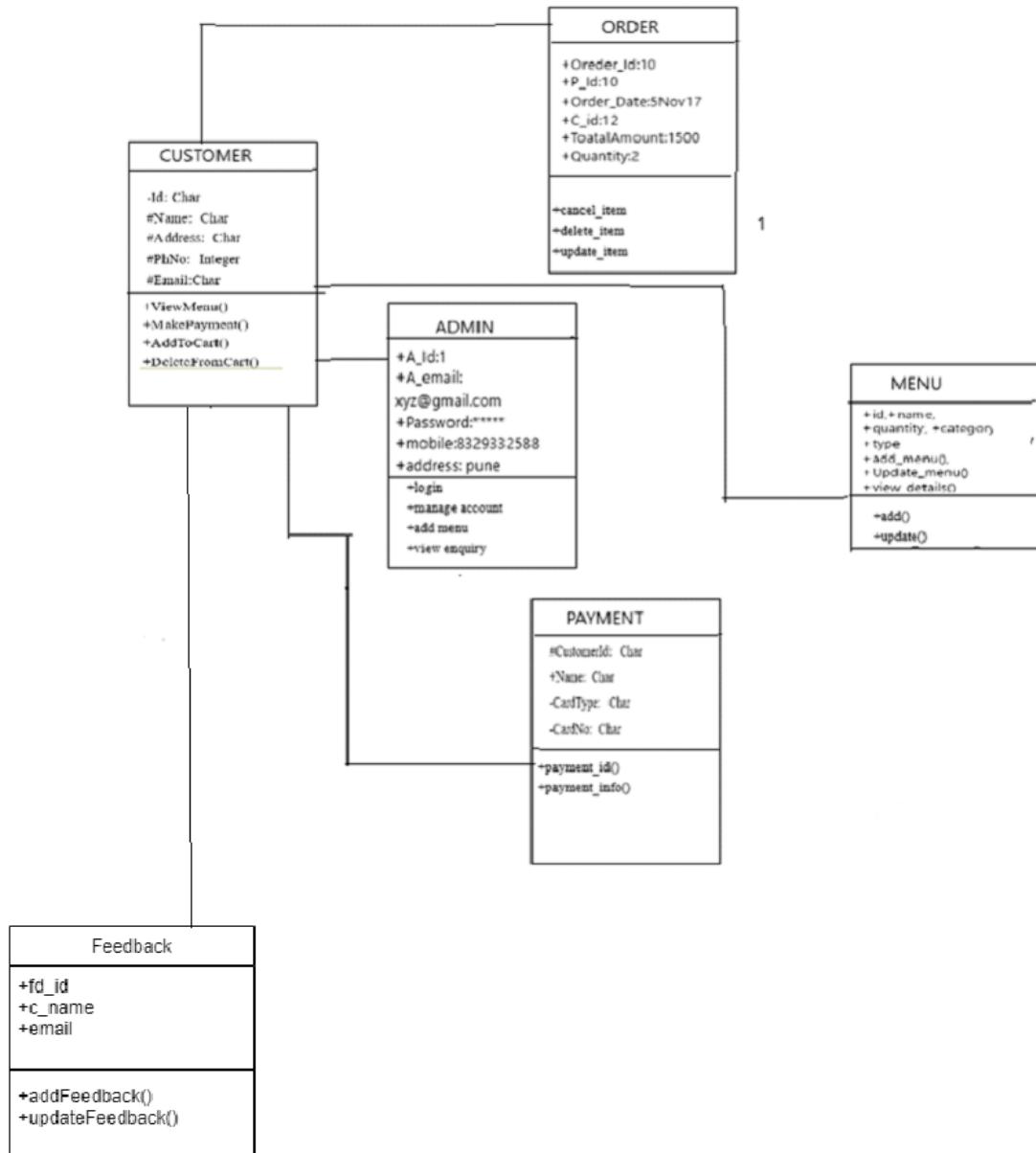
➤ Activity Diagram for Admin:



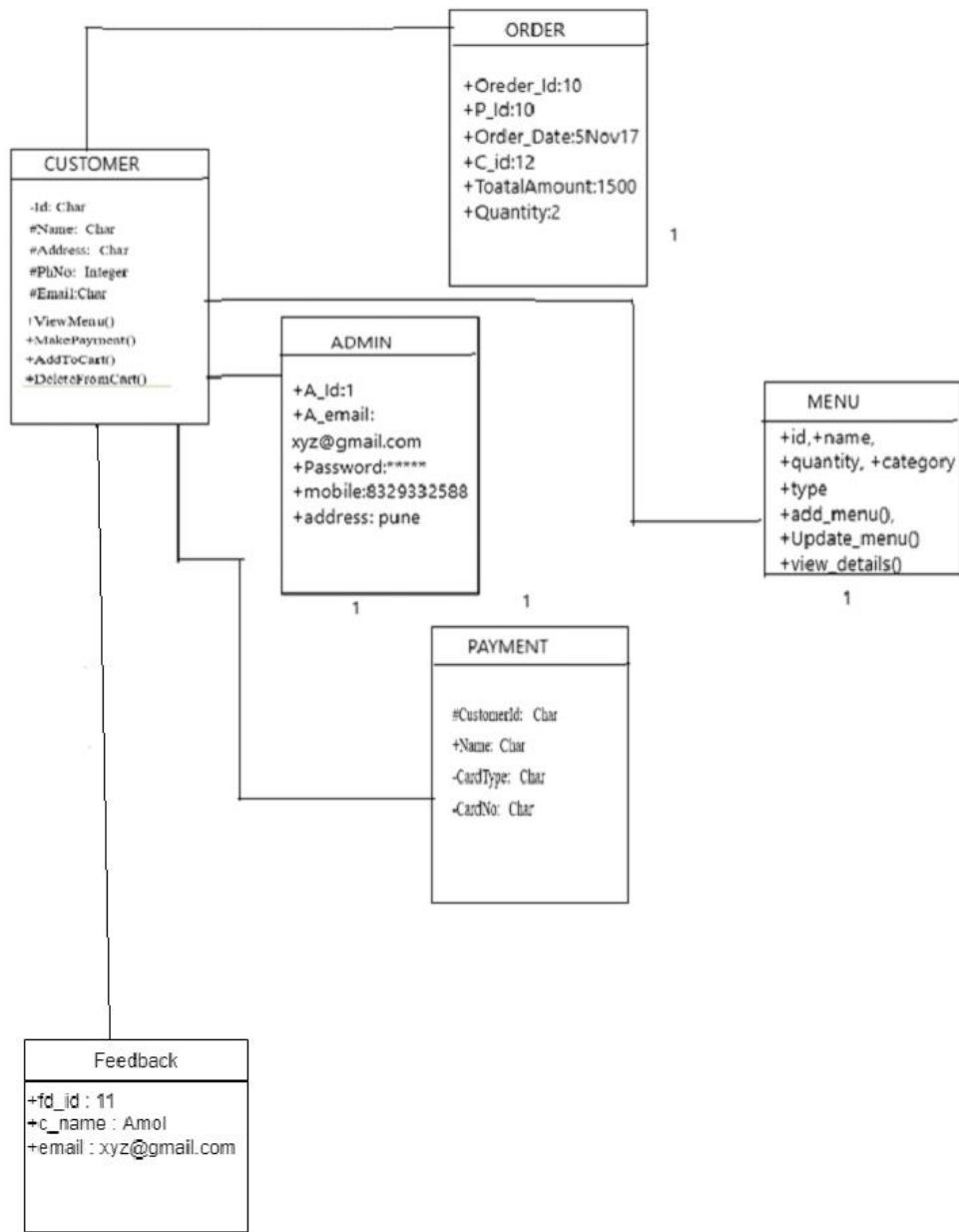
➤ Sequence Diagram:



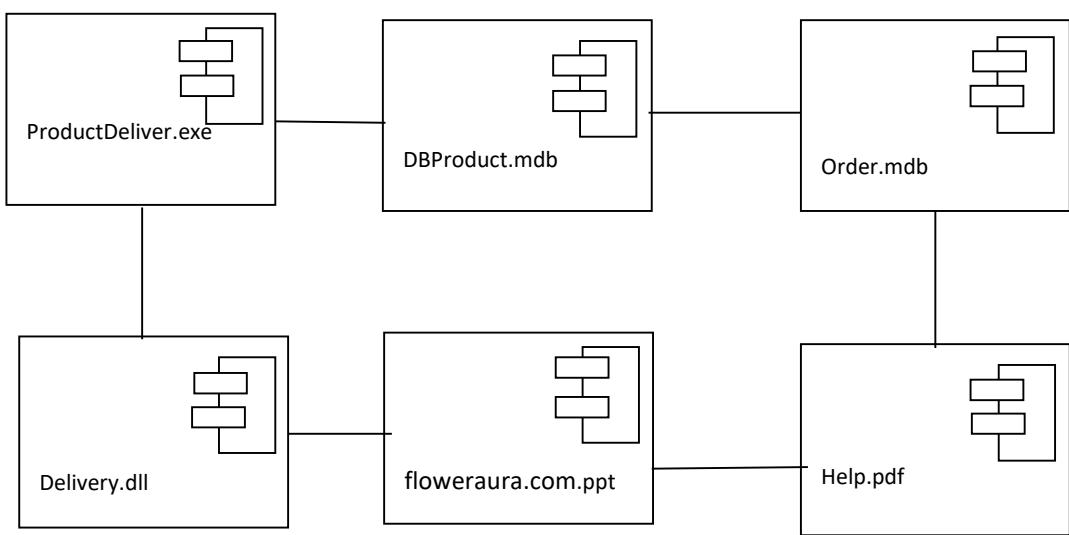
➤ Class Diagram:



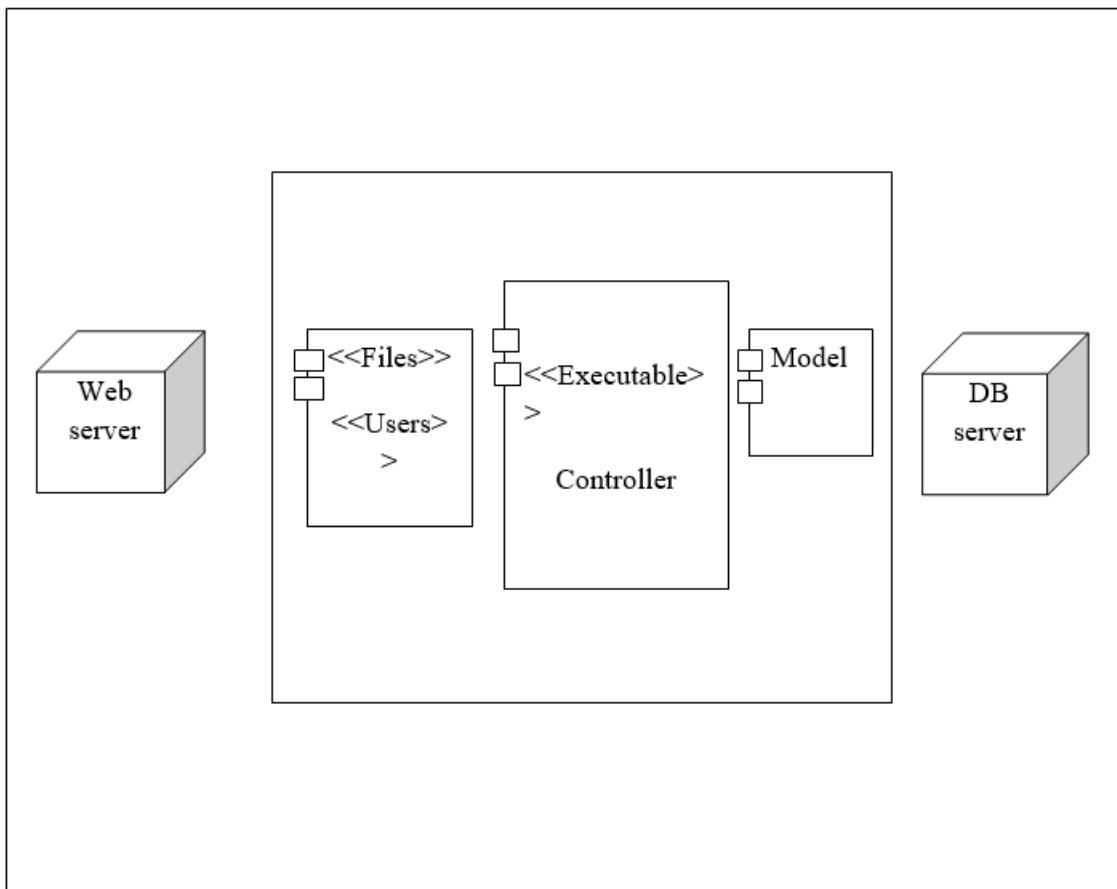
➤ Object Diagram:



➤ **Component Diagram:**



➤ Deployment Diagram:



Data Dictionary

Table Name: Customer

Description: Information of Customer

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	CustId	Int	10	Primary Key	Customer ID
2.	FirstName	Varchar	50	Not Null	Customer First Name
3.	LastName	Varchar	50	Not Null	Customer Last Name
4.	Email	varchar	50	Not Null	Mail Id
5.	Password	varchar	30	Not Null	Password
6.	MobileNumber	Int	20	Not Null	Mobile Number
7.	Gender	Varchar	10	Not Null	Customer Gender
8.	DateOfBirth	Varchar	30	Not Null	Date of Birth
9.	Address	Varchar	50	Not Null	Customer Address
10.	Country	Varchar	20	Not Null	Customer Country
11.	State	Varchar	20	Not Null	Customer State
12.	City	Varchar	20	Not Null	Customer City
13	ZipCode	Varchar	10	Not Null	Customer Zip code

Table Name: Admin**Description: Information of Admin**

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	Aid	Int	10	Primary Key	Admin ID
2.	AName	Varchar	50	Not Null	Admin Name
3.	AAddress	Varchar	50	Not Null	Admin Address
4.	AEmailId	Varchar	50	Not Null	Admin Email ID
5	Password	Varchar	30	Not Null	Admin Password
6.	Aphno	Int	20	Not Null	Phone number

Table Name: Product**Description: Information of Product**

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	PId	Int	10	Primary Key	Product ID
2.	CaId	Int	10	Foreign Key	Product Category ID
3.	PName	Varchar	50	Not Null	Product Name
4.	Price	Int	20	Not Null	Price of Product
5	Product Desc.	Varchar	50	Not Null	Product Description
6	Unit	Int	30	Not Null	Product Size
7	Gst	Int	20	Not Null	Gst

Table Name: Order

Description: Information of Order

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	Order_Id	Int	10	Primary Key	Order ID
2.	PId	Int	10	Foreign Key	Product ID
3.	CustId	Int	10	Foreign Key	Customer ID
3.	Quantity	Int	20	Not Null	Product Quantity
5.	Total Amount	Int	30	Not Null	Product Amount
6.	Order_Date	Varchar	30	Not Null	Date of order

Table Name: Product Category

Description: Information of Product Category

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	CaId	Int	10	Primary Key.	Category ID
2.	CaName	Varchar	20	Not Null	Category Name

Table Name: Delivery

Description: Information of Delivery Boy

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	Did	Int	10	Primary Key	Delivery Boy ID

2	CustId	Int	10	Foreign Key	Customer Id
3.	DName	Varchar	20	Not Null	Delivery Boy Name
4.	DAddress	Varchar	40	Not Null	Address
5.	DEmailId	Varchar	50	Not Null	Email ID
6.	Dphno	Int	13	Not Null	Phone number
7	Order_id	Int	10	Foreign Key	Order Id

Table Name: Feedback

Description: Information of Feedback

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	Fid	Int	10	Primary Key	Feedback ID
2.	Cust_Name	Varchar	50	Not Null	Customer Name
3	Cust_Email	Varchar	30	Not Null	Customer Email
4	Cust_Mobile	Int	10	Not Null	Customer Mobile
5	Feedback	varchar	50	Not Null	Feedback/comment

Table Name:order_status

Description: Information of Order Status

Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	Id	Int	10	Primary Key	Order Status ID
2.	Cust_Name	Varchar	50	Not Null	Customer Name

3	Cust_Address	Varchar	50	Not Null	Customer Address
4	Email-id	varchar	10	Not Null	Customer Email
5	Phone_no	varchar	10	Not Null	Customer Phone Number
6	Order_status	varchar	10	Not Null	Order Status
7	Exp_departure	date			Expected departure of order
8	Order_date	date		Not Null	Date of Order

Table Name: Delivery Boy

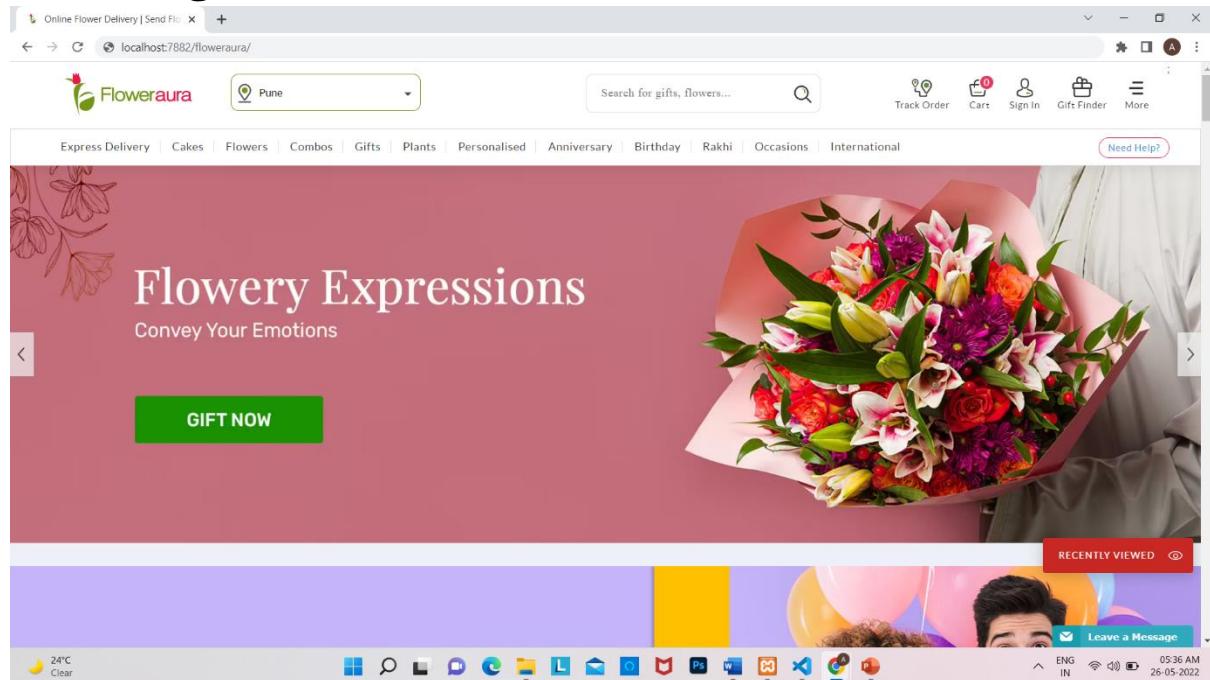
Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	Del_id	Int	10	Primary Key	
2.	Del_name	Varchar	50	Not Null	
3	Del-phone	Varchar	30	Not Null	
4	status	Varchar	10	Not Null	
5	Del_date	Varchar	50	Not Null	

Table Name: Payment:

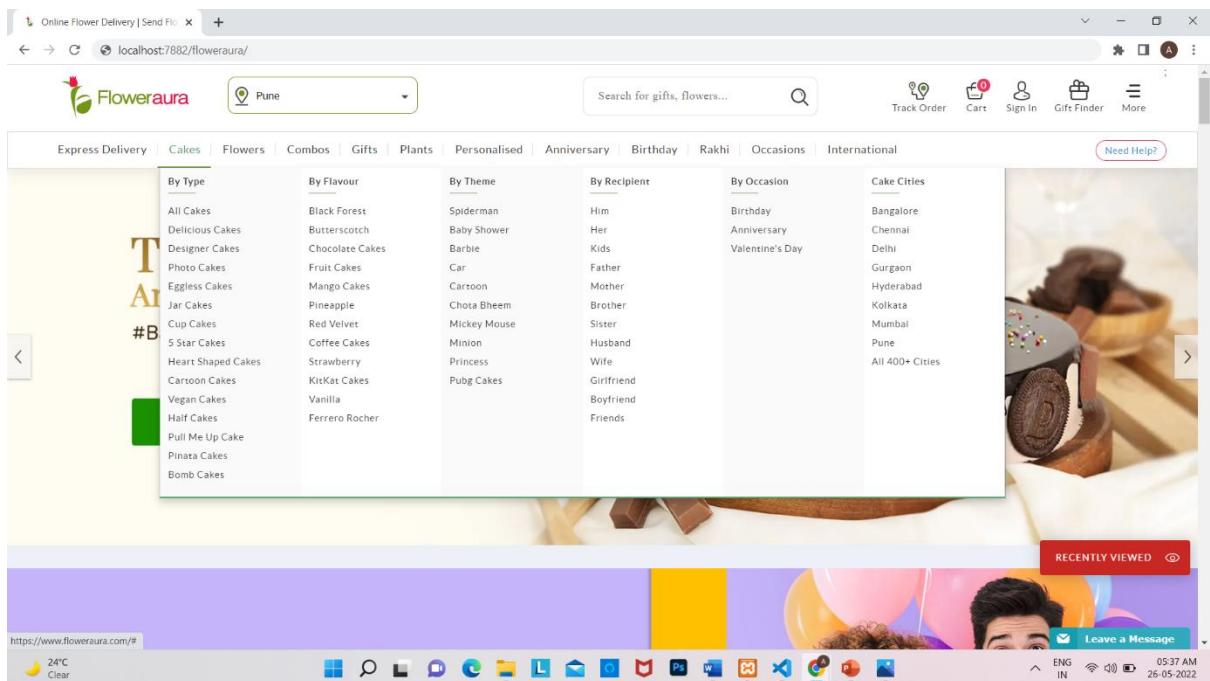
Sr. No	Field Name	Field Type	Size	Constraint	Description
1.	Id	Int	10		
2.	Transaction_id	Varchar	50	Not Null	
3	Payment_amt	int	10	Not Null	
4	Payment_status	Varchar	10	Not Null	
5	Itemid	Varchar	50	Not Null	
6	Tras_date	date	10	Not null	
7	Trans_time	datetime	6	Not Null	
8	Getway_name	Varchar	30	Not Null	

Screen Design

➤ Home Page:



➤ Product Category:



➤ Product(Gift) Category:

Online Flower Delivery | Send Flowers

localhost:7882/floweraura/

Pune

Search for gifts, flowers...

Track Order Cart Sign In Gift Finder More

Express Delivery Cakes Flowers Combos Gifts Plants Personalised Anniversary Birthday Rakhi Occasions International Need Help?

Send Gifts

Flowers Cakes Combos Plants Gifts Personalised

Best Seller Gifts

A perfect way to send love

[View All](#)

RECENTLY VIEWED

Leave a Message

24°C Clear

ENG IN 05:38 AM 26-05-2022

➤ Product List:

Best Selling Flowers, Cakes, Gifts

floweraura.com/best-seller

Pune

Search for gifts, flowers...

Track Order Cart Sign In Gift Finder More

Express Delivery Cakes Flowers Combos Gifts Plants Personalised Anniversary Birthday Rakhi Occasions International Need Help?

Quick Filters: Cake Combo Flower Plant Gift Popularity

Pinky Promise Rose Bouquet
Rs 649.00 Rs 749.00
Earliest Delivery: Today

Teddy Photo Frame
Rs 1199.00
Earliest Delivery: 2-3 days

Sweet Dotted Golden Pothos
Rs 649.00
Earliest Delivery: 2-3 days

Red Velvet Love Cake
Rs 749.00
Earliest Delivery: Today

RECENTLY VIEWED

26°C Mostly sunny

ENG IN 08:11 AM 26-05-2022

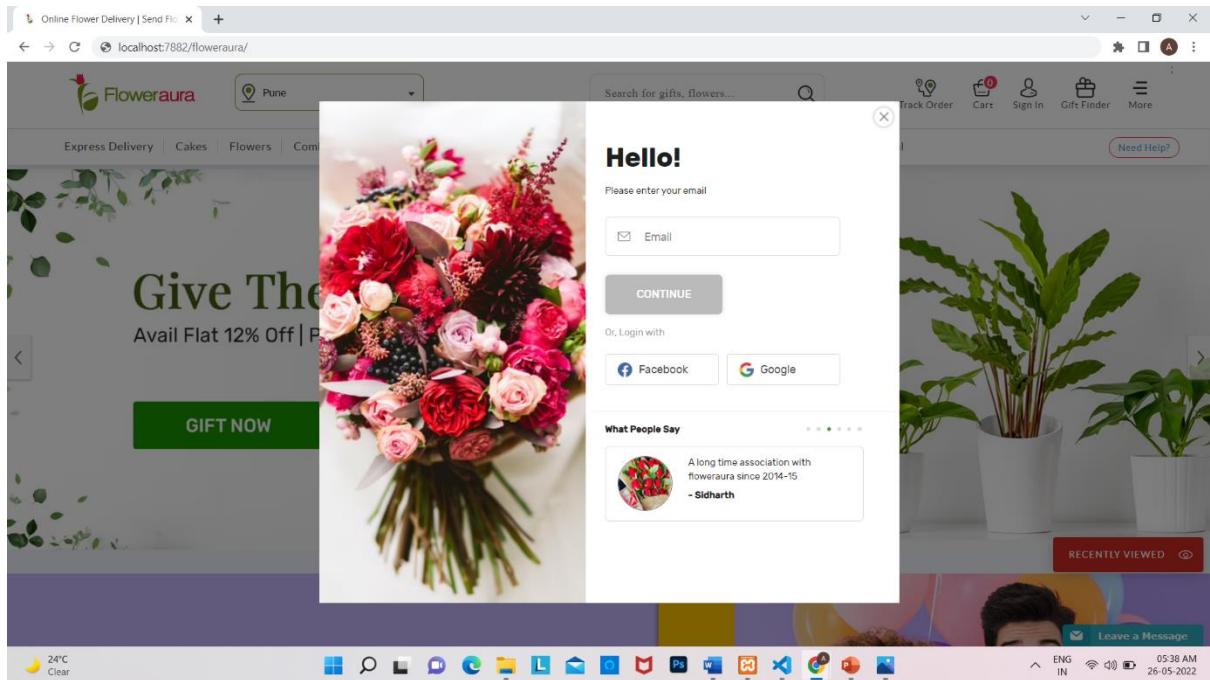
➤ Product Detail Page:

The screenshot shows a product page for a "White Forest Cake" on the Floweraura website. The cake is white with pink roses and silver drizzles. The price is listed as Rs 749.00. There are options to earn 75.00 Points upon gifting. The weight selection dropdown shows "0.5 Kg" as the selected option. A checkbox for "Make it eggless @ Rs 50.00" is checked. A text input field for "Name on Cake" contains "Write Name Here". Below the input field is a note: "Maximum limit - 20 characters". The "Select Delivery City" dropdown shows "Pune". A message below it says "Awesome we deliver to this location". A timer indicates "Get today! Order within 13hr 46min 26sec". Two buttons are visible: "ADD TO CART" and a larger green "BUY NOW" button.

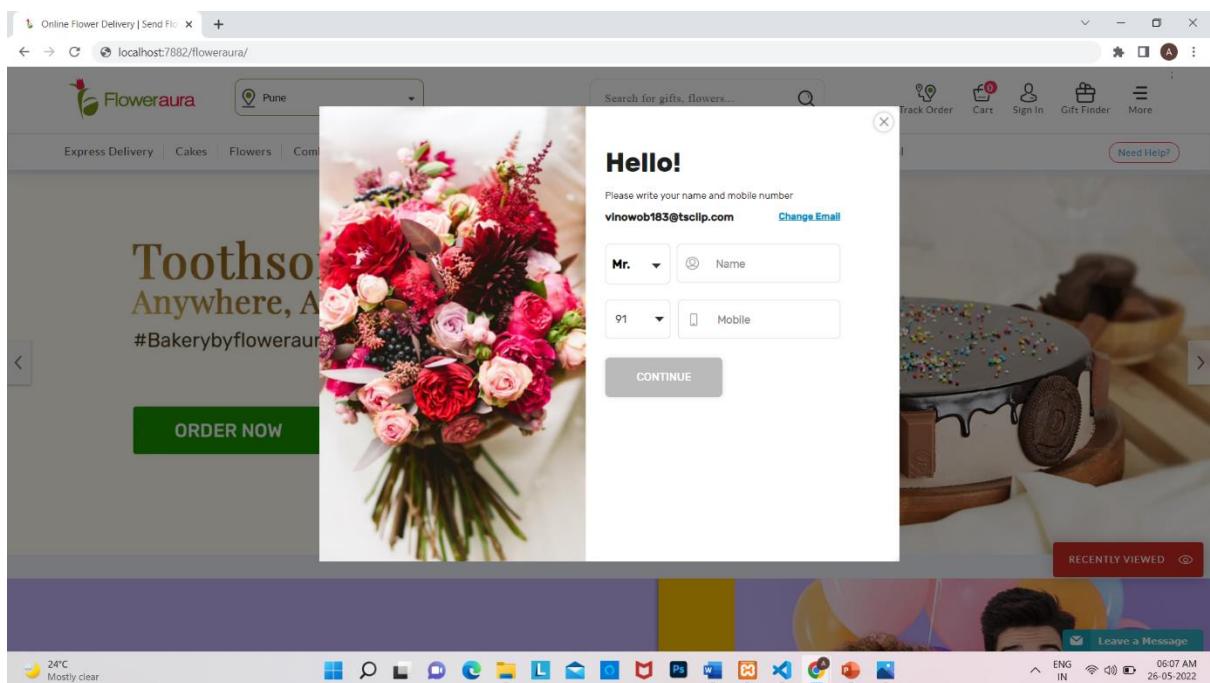
➤ Delivery City:

The screenshot shows the "Check Available Gifts" feature on the Floweraura website. A search bar at the top has "Pune" entered. Below it, a section titled "Popular Cities" lists ten cities with their respective icons: Noida, Delhi, Gurgaon, Mumbai, Bangalore, Pune, Chennai, Hyderabad, Kolkata, and Lucknow. The background features a large image of a bouquet of flowers.

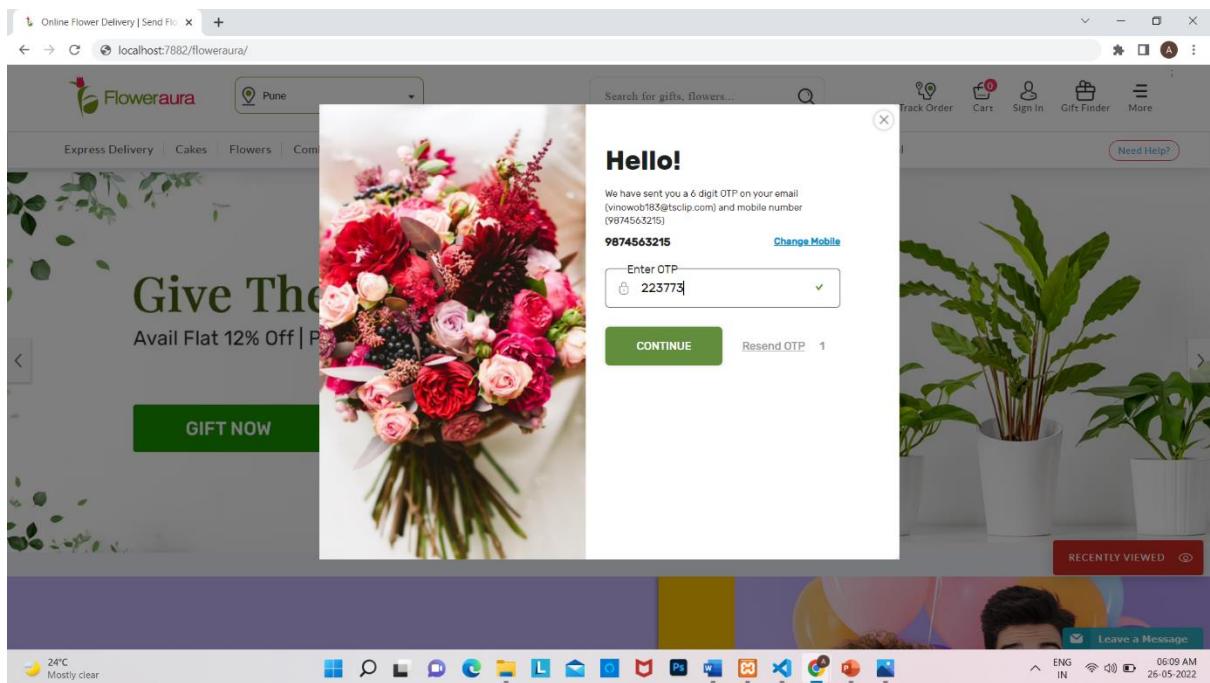
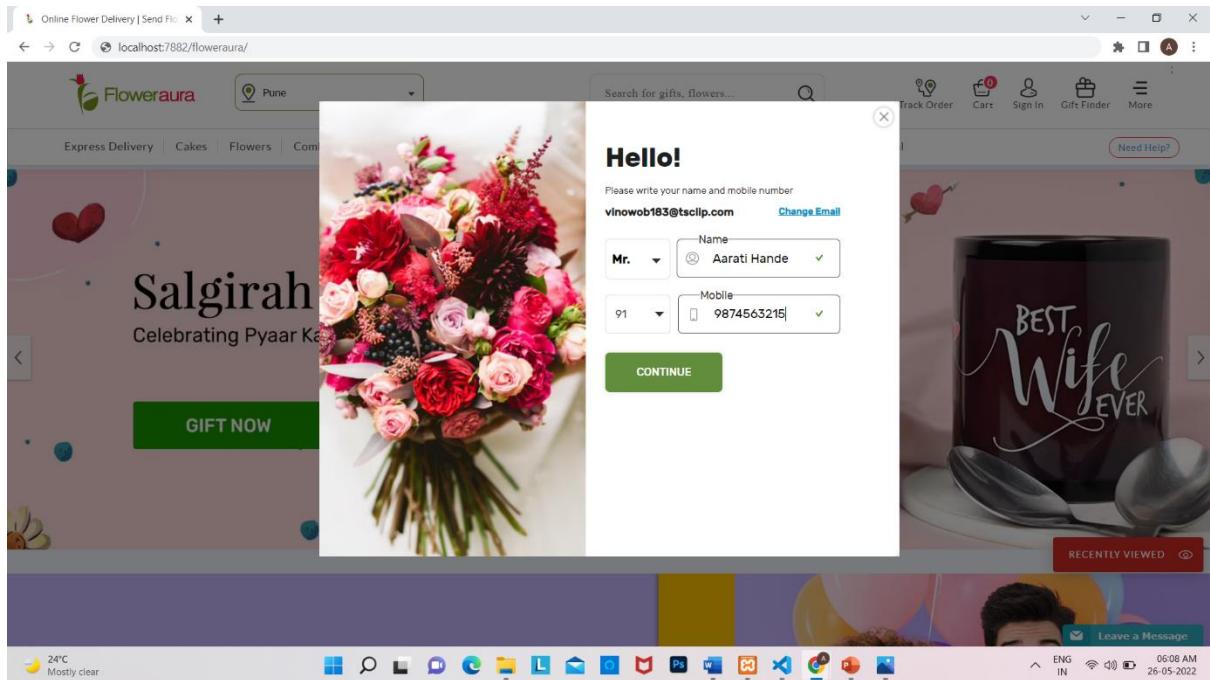
➤ Customer Login:



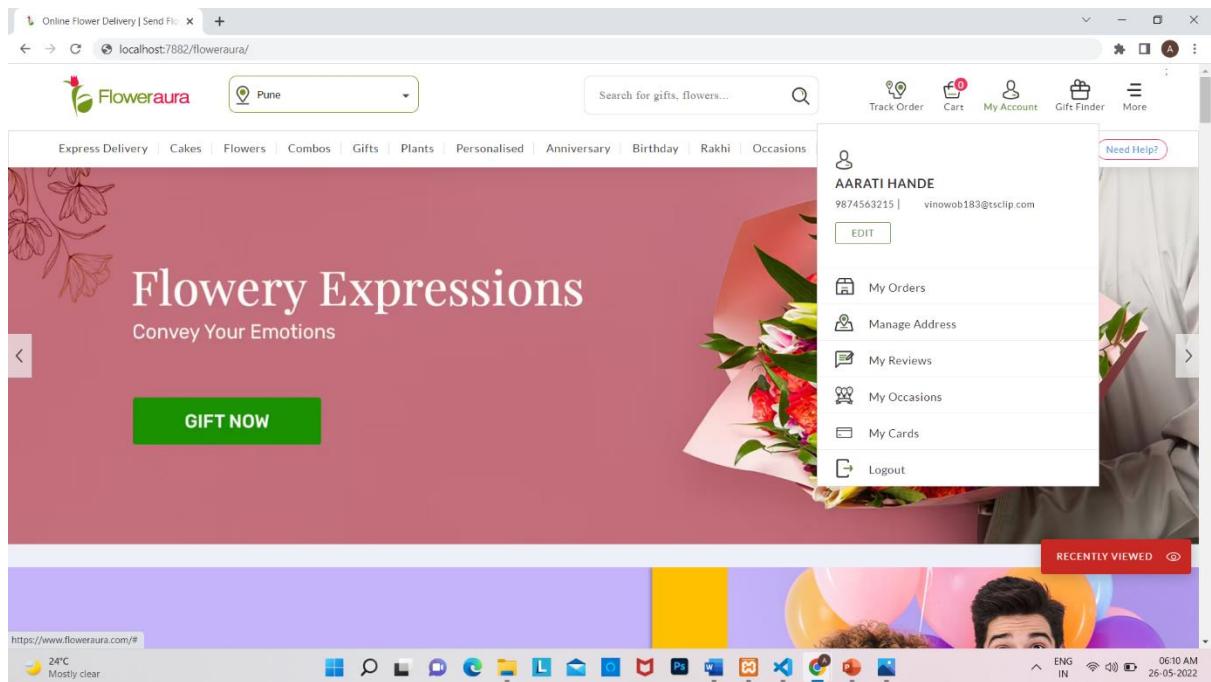
➤ Customer Registration:



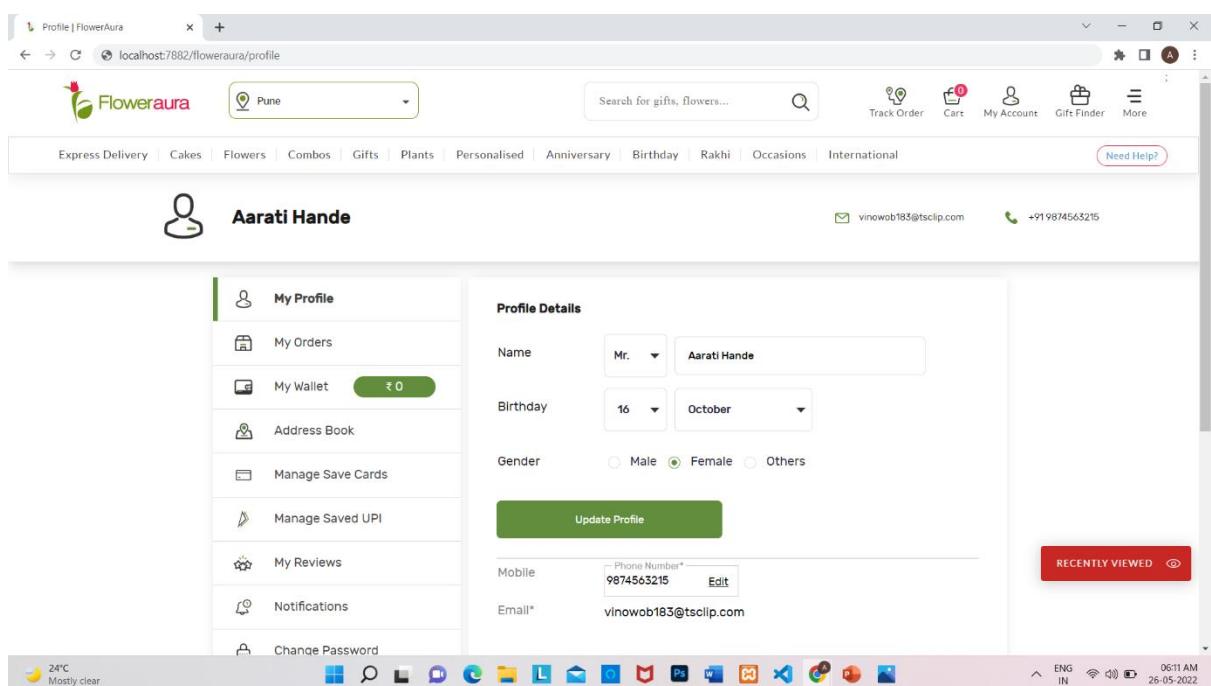
➤ Customer Registration:



➤ My Account:



➤ Customer Update Profile:



➤ Cart:

The screenshot shows the Floweraura website's cart page. At the top, there's a navigation bar with links for Express Delivery, Cakes, Flowers, Combos, Gifts, Plants, Personalised, Anniversary, Birthday, Rakhi, Occasions, and International. Below the navigation is a search bar and a 'Cart' icon. The main content area is titled 'My Cart' and shows '1 Express Delivery Products' and '1 Courier Products'. The first item is 'The Snowy Love Cake' at Rs. 749.00, and the second is 'Cushion Mug And Coaster Set' at Rs. 549.00. Both items have quantity selection buttons (minus, plus) and a delete icon. A 'Cart Summary' box on the right shows a 'Grand Total' of Rs. 1298.00. It also includes a note about applying a coupon code and a 'Place Order' button. The bottom of the screen shows a Windows taskbar with various icons and system status.

➤ Checkout Page:

The screenshot shows the Floweraura website's checkout process at Step 2/5, specifically for 'Delivery Address'. The page title is 'Checkout | FlowerAura'. On the left, there's a sidebar with links for 'Delivery Date & Time' (Step 3/5), 'Special Note' (Step 4/5), and 'Payment & Order Summary' (Step 5/5). The main form area has a heading 'Awesome Aarati Hande! Let us know where to deliver'. It includes fields for 'Name*' (Mrs. Mrs. Aarati Hande), 'Address*' (Full Address), 'Pincode*' (Pincode), 'City*' (City), and 'Phone Number*' (+91 9876543210). Below these are buttons for 'Add Alternate No.' and 'Address Type' (Home, Office, Others). A large green 'Continue' button is at the bottom. The bottom of the screen shows a Windows taskbar with various icons and system status.

Checkout | FlowerAura

localhost:7882/floweraura/cart/checkout#step3

Delivery Date & Time Step 3/5

Great Going! Now Choose Delivery Date & Time

Express Product
Select Delivery Date*

26th May, Today 27th May, Tomorrow 27th May, Friday

Time Slot: 15:00 - 18:00 hrs
Standard Delivery

Courier Product
28th May, Saturday

Courier Gifts may be delivered before or after the chosen date.

Continue

BACK TO TOP

Leave a Message

24°C Mostly clear

ENG IN 06:24 AM 26-05-2022

Checkout | FlowerAura

localhost:7882/floweraura/cart/checkout#step5

Step 3/5 27th May 2022 Standard, 15:00 - 18:00 hrs 28th May 2022

Special Note Step 4/5

Occasion: Blank Relation: - To: Aarati Hande Message: Click here to add personalized message

Payment & Order Summary Step 5/5

Order Summary

 The Snowy Love Cake 1 + Rs. 749.00 0.5 Kg	Subtotal Rs. 1,298.00
 Cushion Mug And Coaster Set 1 + Rs. 549.00 View Photos	Total Rs. 1,298.00 Have a Coupon Code? Special Instruction Any special instructions? We will take care of it... 0/250

By Clicking "Proceed to payment" you are agreeing to the [Terms and Conditions](#)

Proceed to payment

Leave a Message

24°C Mostly clear

ENG IN 06:24 AM 26-05-2022

➤ Payment Page:

The screenshot shows a payment interface for Floweraura. At the top, there's a navigation bar with links like 'Payments | Floweraura.com' and a search bar. The main header features the Floweraura logo, a shield icon with '100% Payment Protection', a smiley face icon with '2 Million Smiles Delivered', and a phone icon with 'Need Assistance? +91-9650062220'. Below this, the total amount 'Rs 1298' is displayed. The left sidebar lists payment methods: CREDIT/DEBIT CARD (selected), NETBANKING, WALLET, GOOGLE PAY, and UPI. The right side has fields for 'Enter Your Card Details' including 'Your Card Number', 'Cardholder's Name', 'Expiry MM/YY', 'CVV', and a checkbox for 'Save card information'. A large green button at the bottom says 'Proceed to Pay Rs 1298'. Below the form, there are logos for Verified by VISA, MasterCard SecureCode, SafeKey, and RuPay. A note states: 'Your transaction is 100% safe & processed through a secure https internet connection based on secure socket layer technology.' The bottom status bar shows the weather as '24°C Mostly clear', system icons, and the date/time '26-05-2022 06:26 AM'.

➤ Gift Finder:

The screenshot shows a modal window titled 'Gift Genie' with the sub-instruction 'Your wish, Our Command'. It asks for 'Select Delivery City' (set to 'Pune') and 'Type City Name'. There's a dropdown for 'What is the Occasion?' and a date input field for 'When should it arrive? DD-MM-YYYY'. A large green 'SEARCH GIFTS' button is at the bottom. In the background, the Floweraura website is visible with categories like Express Delivery, Cakes, Flowers, Combos, Gifts, and Plants. The footer includes social media links for Facebook, Twitter, Instagram, YouTube, and LinkedIn. Links for About Us, Sell With Us, Coupons & Deals, Cancellation & Refund, Terms and Conditions, and Career are also present. The footer status bar shows the weather as '24°C Mostly clear', system icons, and the date/time '26-05-2022 06:32 AM'.

➤ Track your order:

The screenshot shows a web browser window for the Floweraura website. The URL is `localhost:7882/floweraura/trackorder`. The page title is "Track Order". The header includes the Floweraura logo, a location dropdown set to "Pune", a search bar, and navigation links for "Track Order", "Cart" (with 0 items), "Sign In", "Gift Finder", and "More". Below the header is a horizontal menu with categories: Express Delivery, Cakes, Flowers, Combos, Gifts, Plants, Personalised, Anniversary, Birthday, Rakhi, Occasions, International, and a "Need Help?" link.

The main content area features a "TRACK YOUR ORDER" form with fields for "Enter Order No." and "Email Id.". A green "Track Order" button is at the bottom of the form. To the right of the form is a sidebar with "Spread The Love" social sharing icons (Facebook, Twitter, Pinterest, etc.) and links to "About Us", "Sell With Us", "Coupons & Deals", "Cancellation & Refund", "Terms and Conditions", and "Career". The "Media" section includes links to "Privacy Policy", "Reviews", "Blog", and "Sitemap". There are also download links for the mobile app from Google Play and the App Store, along with a video thumbnail for "RECENTLY VIEWED".

The bottom of the screen shows a Windows taskbar with various pinned icons and system status indicators like weather (24°C, Mostly clear), date (26-05-2022), and time (06:32 AM).

➤ Admin Login:

The screenshot shows a web browser window for the Floweraura admin login page, accessible via `localhost/floweraura.com/admin/login.php`. The page features a simple login form with fields for "Username or Email Address" (containing "developer") and "Password" (containing a masked password). There is a "Remember Me" checkbox and a "Log In" button. Below the form is a link to "Lost your password?".

The bottom of the screen shows a Windows taskbar with a search bar, pinned icons for various applications, and system status indicators like weather (24°C, Mostly clear), date (24/05/2022), and time (06:32 AM).

➤ Admin Dashboard:

The screenshot shows the WordPress Admin Dashboard for a site at localhost/floweraura.com/admin/admin.php. The user is logged in as 'Howdy, Parvez DMX'. The left sidebar is the main navigation menu, and the right panel is the 'Overview' section. A prominent notice at the top states 'WooCommerce database update required' with a message about the update process. Below it is a performance summary table and a chart section.

Total sales	Net sales	Orders	Products sold	Variations Sold
0.00	0.00	0	0	0

➤ Add Products:

The screenshot shows the 'Add New' product screen in the WordPress Admin. The left sidebar shows the 'Products' section is selected. A notice at the top again mentions the WooCommerce database update. The main area is titled 'Add new product' and contains fields for 'Product name' and a rich text editor. On the right, there are 'Auto Cache Settings' and a 'Publish' section. The status bar at the bottom shows system information like temperature and date.

➤ Category:

The screenshot shows the WordPress admin dashboard with the 'Posts' menu item selected. The main content area displays the 'Adding Categories' screen. At the top, there's a message about categories and tags, followed by a poll asking if the user is enjoying the Instagram Feed Plugin. Below that, the 'Categories' section lists four existing categories: 'Cake', 'Flowers', 'Gift Items', and 'Mix Gift'. A table provides details for each category, including Name, Description, Slug, and Count. A 'Bulk actions' dropdown and an 'Apply' button are at the top of the list table. On the left sidebar, the 'Categories' menu item is highlighted. The bottom of the screen shows the Windows taskbar with various pinned icons.

Name	Description	Slug	Count
Cake	—	Cake	1
Flowers	—	Flowers	1
Gift Items	—	Gift Items	3
Mix Gift	—	Mix Gift	7

Testing Method Used

1. Unit Testing

Unit testing concentrates verification on the smallest element of the program – the module. Using the detailed design description important control paths are tested establish errors within the bounds of the module. In the system each sub module is tested individually as per the unit testing such as campaign, lead, contact etc. are tested individually. Their input field validations are tested

2. Integration testing

Once all the individual units have been tested there is a need to test how they were put together to ensure no data is lost across interface, one module does not have an adverse impact on another and a function is not performed correctly. After unit testing each sub module is tested with integrating each other.

System testing for the current system:

In this level of testing, we are testing the system as a whole after integrating all the main modules of the project. We are testing whether system is giving correct output or not. All the modules were integrated and the flow of information among different modules was checked. It was also checked that whether the flow of data is as per the requirements or not. It was also checked that whether any particular module is non-

functioning or not i.e., once the integration is over each and every module is functioning in its entirety or not.

In this level of testing, we tested the following: -

- Whether all the forms are properly working or not.
- Whether all the forms are properly linked or not.
- Whether all the images are properly displayed or not.
- Whether data retrieval is proper or not

Specific knowledge of the application's code/internal structure and programming knowledge in general is not required. The tester is aware of *what* the software is supposed to do but is not aware of *how* it does it. For instance, the tester is aware that a particular input returns a certain, invariable output but is not aware of *how* the software produces the output in the first place.

TestCases

Test cases are built around specifications and requirements, i.e., what the application is supposed to do. Test cases are generally derived from external descriptions of the software, including specifications, requirements and design parameters. Although the tests used are primarily functional in nature, non-functional tests may also be used. The test designer selects both valid and invalid inputs and determines the correct output without any knowledge of the test object's internal structure.

Test Design Techniques

Typical black-box test design techniques include:

- Decision table testing
- All-pairs testing
- State transition Analysis
- Equivalence partitioning
- Boundary value analysis
- Cause–effect graph
- Error guessing

Advantages

- Efficient when used on large systems.
- Since the tester and developer are independent of each other, testing is balanced and unprejudiced.
- Tester can be non-technical.
- There is no need for the tester to have detailed functional knowledge of system.
- Tests will be done from an end user's point of view, because the end user should accept the system. (This testing technique is sometimes also called Acceptance testing.)
- Testing helps to identify vagueness and contradictions in functional specifications.
- Test cases can be designed as soon as the functional specifications are complete.

Disadvantages

- Test cases are challenging to design without having clear functional specifications.
- It is difficult to identify tricky inputs if the test cases are not developed based on specifications.
- It is difficult to identify all possible inputs in limited testing time. As a result, writing test cases may be slow and difficult.
- There are chances of having unidentified paths during the testing process.
- There is a high probability of repeating tests already performed by the programmer.

1] Test case For Admin Login Page:

Project Name: floweraura.com (online Shopping)

Prepared Date: - 24-04-2022

Prepared By: - Mr. Polkar

Akash

Module Name: Login.

Reviewed Date: - 24-04-

2022

Project Code: OJS

Total no of test Cases: -04

Total no of test Cases Passed: -04

Total no of test Cases failed: -00

Total no of test Cases executed: -04

Total no of test Cases pending: -00

Test Case ID	Test Case Procedure	Input Data	Expected Output	Actual Output	Test Status
OJS-LG-01	Checking the functionality of Admin LOGIN Button	1.Enter valid Usernames in textbox 2. Enter valid Password in textbox 3. Click on Admin LOGIN Button	Admin Panel should be displayed	Admin Panel should be displayed	Pass
OJS - LG-02	Checking the functionality of Admin LOGIN Button	1.Enter invalid User Name in text box 2. Enter valid Password in password textbox 3. Click on Admin LOGIN Button	Admin Panel should not be displayed	Admin Panel should not be displayed	Pass

2] Test case for customer Login Page:

Project Name: floweraura.com (online Shopping)

Prepared Date: - 24-04-2022

Prepared By: - Mr.

Polkar Akash

Module Name: customer login.

Reviewed Date: - 24-04-

2022

Project Code: OJS

Test Case ID	Test Case Procedure	Input Data	Expected Output	Actual Output	Test Status
OJS-CL-01	Checking the functionality of customer login Button	Enter invalid email and any phone number and hit login button	The email address that you entered doesn't match any account sing up for an account	The email address that you entered doesn't match any account sing up for an account	pass
OJS-CL-02	Checking the functionality of customer login Button	Enter valid email and incorrect phone number password	The phone number that you've entered is incorrect	The phone number that you've entered is incorrect	pass
OJS-CL-03	Checking the functionality of customer login Button	Enter valid email and phone number	Successful	Successful	pass

3] Test case For add cart Login Page:

Test Case ID	Test Case Procedure	Input Data	Expected Output	Actual Output	Test Status
OJS-AC-01	Checking the functionality of add cart Button	Click on product and product is added	Product is added to the cart	Product is added to the cart	pass
OJS-AC-02	Checking the functionality of add cart Button	Keep the cart empty	Message will display Nothing in cart	Message did not displayed	pass

Future Enhancement

There are many places where we can improve. The following are the features that we are about to implement in near future.

1. In future, we provide search facilities like category wise searching or price wise searching.
1. Provide notifications to user about offers and discounts.
2. We can develop mobile application for most of the users who uses smart phones rather than browsers.
3. In the future, I want to Enhanced my project with thee admin part of online flowers, cakes etc shopping.
4. Add more product types in web site.

Conclusion

In the fast-moving life where people do not have time to shop manually, online shopping has emerged as a time saving and convenient way of shopping. The increase trend of online shopping will only grow and expand in the future. It concludes that people have substituted their needs to shop at local stores by shopping online. Customer is the king for every business and nobody wants to lose the profitable customers. The online shopping system provides various features to your customers to keep in the list of your 'regular customers'. Customers can enjoy the convenience of ordering Product online while sitting at their homes/offices.

The Online shopping System upload their product online so that they can be easily managed or changed and customers can order online. Customer can add products to shopping cart or order the product online. Discount can be given to product in online system and we can purchase the new fashion of the product.

Bibliography

- 1. www.scribd.com**
- 2. www.w3school.com**
- 3. www.htmltutorial.com**
- 4. www.csstutorial.com**
- 5. www.caratlane.com**
- 6. www.stackoverflow.com**

Algorithm

1. Define the Product class:

- The Product class should have attributes like name, price, category, and any other relevant information.

2. Initialize the website and load product data:

- Load the product data from a database or file and store it in a data structure like a list or dictionary.

3. Display the homepage:

- Render the homepage of the website, showing the various product categories available (flowers, cakes, gifts).

4. Allow user interaction:

- Prompt the user to choose a category or perform a search.
- If the user chooses a category, display the products in that category.
- If the user performs a search, filter the products based on the search query.

5. Display product details:

- When a user selects a product, display its details such as name, price, description, and an option to add it to the cart.

6. Shopping cart functionality:

- Implement a shopping cart where users can add products they want to purchase.
- Allow users to update quantities, remove items, and proceed to checkout.

7. Checkout process:

- Collect user information (shipping address, payment details) for the order.
- Validate and process the payment.
- Generate an order confirmation with a unique order ID.

8. Order management:

- Store the order information in a database or file for future reference and tracking.

9. Additional features:

- Implement user authentication and registration.
- Allow users to save favourite items or create a wish list.
- Provide options for customization or personalization of products.

10. Error handling and validation:

- Implement error handling mechanisms to handle invalid inputs, database errors, or payment failures.

11. Maintain and update product inventory:

- Deduct the purchased quantities from the available inventory to maintain accurate stock levels.

Code snippets

Login.php

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

```
$host = "localhost";
$user = "root";
$pass = "";

$message = "";
try
{
    $connect = new PDO("mysql:host=$host;dbname=admindashbord",
$user, $pass);
    // set the PDO error mode to exception
    $connect->setAttribute(PDO::ATTR_ERRMODE,
PDO::ERRMODE_EXCEPTION);
    if(isset($_POST["submit"]))
    {
        if(empty($_POST["mobile"]) || empty($_POST["password"]))
        {
            $message = '<label>Both fields are required</label>';
        }
        else
        {
            $query = "SELECT * FROM master_admin WHERE mobile =
:mobile AND password = :password";
            $statement = $connect->prepare($query);
            $statement->execute(
                array(
                    'mobile'    =>    $_POST["mobile"],
                    'password' =>    $_POST["password"]
                )
            );
            $result = $statement->fetch();
            if($result)
            {
                session_start();
                $_SESSION["mobile"] = $result["mobile"];
                $_SESSION["password"] = $result["password"];
                header("Location: dashboard.php");
            }
            else
            {
                $message = "Mobile number or password is incorrect";
            }
        }
    }
}
```

```
'password' => $_POST["password"]
)
);

$count1 = $statement->rowCount();

$query = "SELECT * FROM user WHERE mobile = :mobile AND
password = :password";
$statement = $connect->prepare($query);
$statement->execute(
array(
'mobile' => $_POST["mobile"],
'password' => $_POST["password"]
)
);

$count2 = $statement->rowCount();

if($count1 > 0 || $count2 > 0)
{
    $_SESSION["admin"] = $_POST["mobile"];
    if($count2 > 0)
        $_SESSION["username"] = $_POST["mobile"];
    header("location:dashboard.php");
}
```

```
        else
        {
            $message = '<label>mobile or Password is incorrect</label>';
        }
    }
}

catch(PDOException $error)
{
    $message = $error->getMessage();
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <title>Login page</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link href="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet" id="bootstrap-css">
    <script src="//maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
    <script src="//cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
```

```
<!--  
=====-->  
  
<!--  
=====-->  
  
<link rel="stylesheet" type="text/css" href="css/login.css">  
  
<!--  
=====-->  
  
</head>  
  
<body>  
  
<div class="limiter">  
    <span class=""><font size=1px><br></font>  
    <center><!---->  
  
    </center>  
    </span>  
<div class="container-signin">  
    <span class="signin-form-avatar">  
        <span style="font-size: 24.5px; color: #333333; line-height: 2px;  
text-align: center; margin-left:50px; margin-right:20px; width:100%; ">  
            <h1 align="center"> Sign in with your account.</h1>  
        </span>  
        <p>
```

```
<center>

<?php

if(isset($message))

{

    echo '<label class="text-danger">'.$message.'</label>';

}

?>

</center>

<div class="wrapper fadeInDown">

<div id="formContent">

<!-- Tabs Titles -->

<!-- Icon -->

<div class="fadeIn first">

    <a href="http://vdarpan.com/"></a>

</div>

<!-- Login Form -->

<form method=post class="validate-form" id="login-frm">

    <input type="text" id="mobile" class="fadeIn second" name="mobile"
placeholder="login">

    <input type="text" id="password" class="fadeIn third"
name="password" placeholder="password" >

    <input type="submit" name="submit" class="fadeIn fourth"
value="Log In">
```

```
</form>

</div>
</div>

</script>
<script type="text/javascript">
$(document).ready(function()
{
    $('#login-frm').validate();
});
</script>

</body>
</html>
<div>
    <h1></h1>
</div>
<?php ?>
```

Dashboard

```
<style>
.button {
background-color: #4CAF50;
border: none;
color: white;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin: 4px 2px;
cursor: pointer;
}
</style>
<?php
session_start();
if(!isset($_SESSION["admin"]))
{
    header("Location:login.php");
}
else
{
?>
<?php
```

```
include "db/database.php";
include "header.php";
?>

<div id="content-wrapper">

<div class="container-fluid">

    <!-- Breadcrumbs-->
    <ol class="breadcrumb">
        <li class="breadcrumb-item">
            <a href="#">Dashboard</a>
        </li>
        <li class="breadcrumb-item active">Overview</li>
    </ol>

    <!-- <?php
        $sql = $database->count1();
        $row1=mysqli_fetch_array($sql);
        $total_adv=$row1['adv'];
        $total_cat=$row1['ctype'];
        $total_city=$row1['city'];
    ?> -->

        <!-- Icon Cards-->
        <div class="row">
            <div class="col-xl-3 col-sm-6 mb-3">
                <div class="card text-white bg-primary o-hidden h-100">
```

```
<div class="card-body">
    <div class="card-body-icon">
        <i class="fas fa-fw fa-comments"></i>
    </div>
    <div class="mr-5">Total Advertise : <!-- <?php print
$total_adv; ?> --></div>
</div>

<a class="card-footer text-white clearfix small z-1" href="#">
    <span class="float-left">View Details</span>
    <span class="float-right">
        <i class="fas fa-angle-right"></i>
    </span>
</a>
</div>
</div>

<div class="col-xl-3 col-sm-6 mb-3">
    <div class="card text-white bg-warning o-hidden h-100">
        <div class="card-body">
            <div class="card-body-icon">
                <i class="fas fa-fw fa-list"></i>
            </div>
            <div class="mr-5">Total Category : <!-- <?php print $total_cat;
?> --></div>
        </div>
        <a class="card-footer text-white clearfix small z-1" href="#">
            <span class="float-left">View Details</span>
            <span class="float-right">
```

```
<i class="fas fa-angle-right"></i>
</span>
</a>
</div>
</div>

<div class="col-xl-3 col-sm-6 mb-3">
<div class="card text-white bg-danger o-hidden h-100">
<div class="card-body">
<div class="card-body-icon">
<i class="fas fa-fw fa-building"></i>
</div>
<div class="mr-5">Total Contact : <!-- <?php print $total_city;
?> --></div>
</div>
<a class="card-footer text-white clearfix small z-1" href="#">
<span class="float-left">View Details</span>
<span class="float-right">
<i class="fas fa-angle-right"></i>
</span>
</a>
</div>
</div>

</div>
```

```
<!-- DataTables Example -->
<div class="card mb-3">
    <div class="card-header">
        <i class="fas fa-table"></i>
        Total Advertise data</div>
    <div class="card-body">
        <div class="table-responsive">
            <table class="table table-bordered" id="dataTable"
width="100%" cellspacing="0">
                <thead>
                    <tr>
                        <th>ID</th>
                        <th>Name</th>
                        <th>image</th>
                        <th>Price</th>
                        <th>Discount</th>
                        <th>Cake Flavour</th>
                        <th>Cake Type</th>
                    </tr>
                </thead>
                <tfoot>
                    <tr>
                        <th>ID</th>
                        <th>Name</th>
                        <th>image</th>
                        <th>Price</th>
```

```

<th>Discount</th>
<th>Cake Flavour</th>
<th>Cake Type</th>
</tr>
</tfoot>
<tbody>

<?php
$sql1=$database->read();
while($row=mysqli_fetch_array($sql1))
{
?>
<tr>
<td><?php print $row['id']; ?></td>
<td><?php print $row['name']; ?></td>
<td>"><?php
style="height:100px; width:130px;"></td>
<td><?php print $row['price']; ?></td>
<td><?php print $row['discount_price']; ?></td>
<td><?php print $row['cake_flavour']; ?></td>
<td><?php print $row['cake_type']; ?></td>

</tr>
<?php
}

?>

```

```
</tbody>
</table>
</div>
</div>
<div class="card-footer small text-muted">Updated yesterday at
11:59 PM</div>
</div>

</div>
<!-- /.container-fluid -->
<?php
include "footer.php";
}
?>
```

Add menu

```
<?php
session_start();
if(!isset($_SESSION["admin"]))
{
    header("Location:login.php");
}
```

else

```
{
```

```
?>
<?php

include "header.php";

?>

<div id="content-wrapper">

<div class="container-fluid">

<!-- Nikki flower-->
<!-- cake items and Cards-->

<!-- DataTables Example -->
<div class="card mb-3">
    <div class="card-header">
        <i class="fas fa-table"></i>
        Add Adv</div>
    <div class="card-body">
        <form action="db/insert1.php" method="POST"
            enctype="multipart/form-data">
```

```
<div class="form-group row">
    <div class="col-md-12">
        <label for="image">Image:</label>
        <input type="file" class="form-control" name="image" id="image"><br>
    </div>
    <div class="col-md-12">
        <label for="menu">Cake Name:</label>
        <input type="text" class="form-control" name="name" id="name"><br>
    </div>

    <div class="col-md-4">
        <label for="menu">Price:</label>
        <input type="text" class="form-control" name="price" id="price"><br>
    </div>
    <div class="col-md-4">
        <label for="menu">Discount:</label>
        <input type="text" class="form-control" name="discount_price" id="discount_price"><br>
    </div>

    <div class="col-md-4">
        <label for="menu">Cake Flavour:</label>
        <select class="form-control" name="cake_flavour" id="">
```

```
<?php
include "conf.php";
$query = "select flavour_name from cake_flavour";
$result=mysqli_query($conn,$query);
if($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        ?>
<option value=<?php echo $row['flavour_name'];?>><?php echo
$row['flavour_name'];?></option>

<?php
}

}
?>
</select><br>

</div>
<div class="col-md-4">
    <label for="menu">Cake Type:</label>

    <select class="form-control" name="cake_type"
id="">
<?php
include "conf.php";
```

```
$query = "select type_name from cake_type";
$result=mysqli_query($conn,$query);
if($result->num_rows > 0)

{
    while($row = $result->fetch_assoc())
    {

?>
<option value=<?php echo $row['type_name'];?>><?php echo
$row['type_name'];?></option>

<?php
}

}

?>
</select><br>

</div>
<div class="col-md-4">
    <label for="menu">Minimum Weight:</label>
    <input type="text" class="form-control"
name="mini_weight" id=""><br>
</div>
<div class="col-md-4">
    <label for="menu">Bread Type</label>
```

```
        <input type="text" class="form-control"  
name="bread_type" id=""><br>  
        </div>  
  
        </div>  
        <div class="form-group row">  
        </div>  
        <button class="btn btn-primary" type="submit"  
style="margin-right:50px;"  
name="addmenu">Submit</button>  
        </form>  
        </div>  
  
    </div>  
<!-- /.container-fluid -->  
  
<?php  
include 'footer.php';  
}  
?>
```

User manual

- ## 1. **Homepage:**

- When you visit the website, you will see the homepage displaying different product categories such as flowers, cakes, and gifts.
- You can click on any category to view the products within that category or use the search functionality to find specific items.

2. **Browsing Products:**

- When you select a category or perform a search, you will be presented with a list of products matching your selection.
- Each product will be displayed with its name, price, and a brief description.
- Clicking on a product will take you to its detailed page.

3. **Product Details:**

- On the product's detailed page, you will find more information about the product, including a larger image, detailed description, and any customization options if available.
- You can add the product to your shopping cart from this page if you wish to purchase it.

4. **Shopping Cart:**

- To add products to your shopping cart, click the "Add to Cart" button on the product detail page.
- The shopping cart page will display a summary of the items you have added, including their names, quantities, and prices.
- From the shopping cart, you can update quantities, remove items, or proceed to the checkout.

5. **Checkout Process:**

- When you proceed to checkout, you will be prompted to provide your shipping address and payment details.
- Fill in the required information accurately and ensure your payment details are correct.
- Review your order summary and click the "Place Order" button to complete the purchase.

6. **Order Confirmation:**

- After placing your order, you will receive an order confirmation page with a unique order ID.
- You will also receive an order confirmation email containing the details of your purchase.

7. **Account Management:**

- If you wish to create an account on the website, you can register using your email address and password.
- An account allows you to save your shipping addresses, view order history, and manage your preferences.

8. **Additional Features:**

- The website may offer additional features like saving favorite items, creating wishlists, or providing special promotions.
- Explore the website to discover these features and take advantage of any discounts or offers available.

9. **Contact and Support:**

- If you have any questions, concerns, or need assistance, there should be a "Contact Us" page or customer support contact information available on the website.
- Reach out to the support team for help with order-related queries, product inquiries, or any technical difficulties you encounter.

Publication/Competition certificate

Appendix 3 Cost sheet, data sheet

****Cost Sheet: Online Flower, Cake, and Gift Items Website****

1. **Development Costs:**

- Web Development:
 - Design and development of the website's frontend and backend.
- Database Setup:
 - Setting up and configuring the database for storing product data, user information, and orders.

- Payment Gateway Integration:
 - Integration of a secure payment gateway for processing online payments.
 - Security Measures - Implementation of security measures like SSL certificates and encryption protocols.
 - User Authentication: - Development of user registration, login, and account management functionality.
- Customization and Personalization Features:
 - Implementation of features that allow users to customize or personalize products.

2. **Infrastructure Costs:**

- Web Hosting: per month
 - Cost of hosting the website on a web server.
- Domain Registration: \$X per year
 - Cost of registering and renewing the website's domain name.
- SSL Certificate: per year
 - Cost of securing the website with an SSL certificate.

3. **Maintenance and Support Costs:**

- Ongoing Development and Updates: per month
 - Cost of maintaining and updating the website with new features, bug fixes, and improvements.
- Technical Support: per month
 - Cost of providing technical support to users and addressing any issues that may arise.
- Server Maintenance: per month

- Cost of server maintenance, including backups, monitoring, and security updates.

4. **Marketing and Advertising Costs:**

- Digital Marketing Campaigns:
 - Cost of online advertising, including search engine marketing, social media marketing, and email marketing.
- Search Engine Optimization (SEO):
 - Cost of optimizing the website for search engines to improve visibility and organic traffic.
- Social Media Management:
 - Cost of managing social media accounts and engaging with the audience.

5. **Additional Costs:**

- Content Creation:
 - Cost of creating high-quality product images, descriptions, and other marketing materials.
- Third-Party Integrations:
 - Cost of integrating with external services like shipping providers, inventory management systems, or CRM software.

****Data Sheet: Online Flower, Cake, and Gift Items Website****

1. **Product Data:**

- Name: The name of the product (e.g., Red Roses Bouquet, Chocolate Cake, Personalized Mug).

- Category: The category to which the product belongs (e.g., Flowers, Cakes, Gifts).
- Price: The price of the product (in the website's currency).
- Description: A brief description of the product.
- Image URL: The URL of the product image for display on the website.
- SKU (Stock Keeping Unit): A unique identifier for each product.
- Stock Quantity: The available quantity of the product in inventory.

2. **User Data:**

- Name: The user's full name.
- Email: The user's email address.
- Address: The user's shipping address for delivery.
- Phone Number: The user's contact number.
- Username: The username chosen by the user for their account.
- Password: The user's password (stored securely using encryption).

3. **Order Data:**

- Order ID: A unique identifier for each order placed on the website.
- User ID: The ID of the user who placed the order.
- Products: The list of products included in the order, along with their quantities.
 - Order Total: The total cost of the order (including tax, shipping charges, etc.).
 - Payment Status: The status of the payment (e.g., Pending, Completed).
 - Shipping Status: The status of the order shipment (e.g., Processing, Shipped).
- Order Date: The date and time when the order was placed.

4. **Database Schema:**

- Product Table: Columns for name, category, price, description, image URL, SKU, and stock quantity.
- User Table: Columns for name, email, address, phone number, username, and password.
- Order Table: Columns for order ID, user ID, products, order total, payment status, shipping status, and order date.

5. **Analytics Data:**

- Website Traffic: Information about the number of visitors, page views, and referral sources.
- Conversion Rates: Data on the percentage of website visitors who complete a purchase.
- User Engagement: Metrics like time spent on the website, bounce rate, and click-through rates.
- Popular Products: Insights into the most viewed and best-selling products.