

PROJECT:FLOWER SHOP MANAGEMENT SYSTEM

Project Documentation: Responsive Flower Shop Management Website

1. Introduction

This project presents a responsive flower shop management website. It is designed to allow customers to purchase flowers online easily and for admins to manage the shop efficiently. The goal is to improve the shopping experience and simplify the backend management process.

2. Background of the Project

Problem Statement: Many local flower shops lack a responsive, digital platform to manage their business. Manual tracking of orders and customer interactions creates confusion and inefficiency.

Motivation: The growing demand for online shopping and digital convenience encouraged the development of a full-featured flower shop website to benefit both sellers and buyers.

3. Objectives

- To build a user-friendly, responsive flower shop website.
- To create a functional admin dashboard to manage orders, products, and users.
- To ensure secure login, shopping, and payment handling.

4. Scope

Included:

- Customer-facing frontend with shopping and profile features.
- Admin dashboard for managing shop content.
- Secure login and data handling.

Not Included:

- AI recommendation engine (planned for future).

5. Literature Review / Related Work

- E-commerce platforms like Shopify and WooCommerce offer similar features.
- Technologies used in those platforms inspired the tech stack choices.

6. Methodology

- **Technologies Used:**

- HTML, CSS, JavaScript (Frontend)
- PHP (Backend)
- MySQL (Database)
- Hosting with SSL support

- **Development Workflow:**

- Requirements Analysis
- Design (UI/UX)
- Frontend and Backend Development
- Testing and Debugging
- Deployment

- **Design Models:**

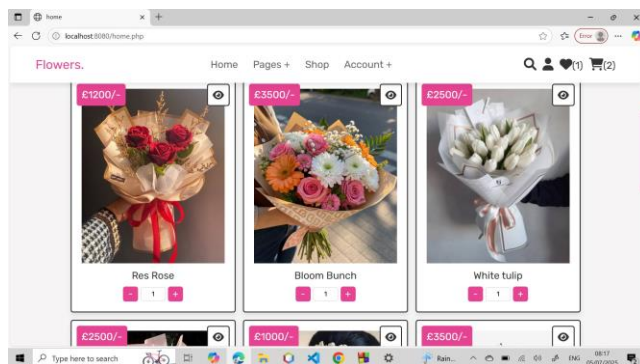
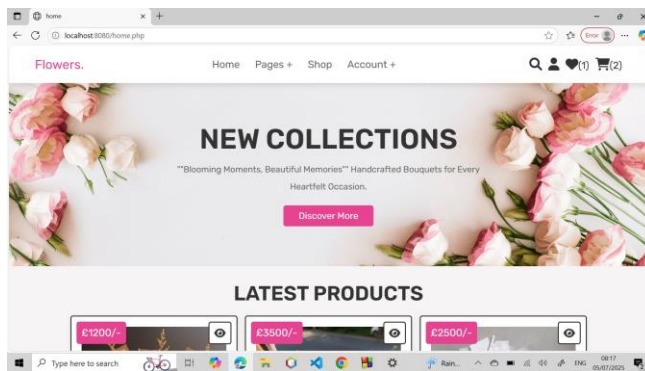
- Flowcharts for checkout and login process
- Simple ER diagram for database design

7. Implementation / Development

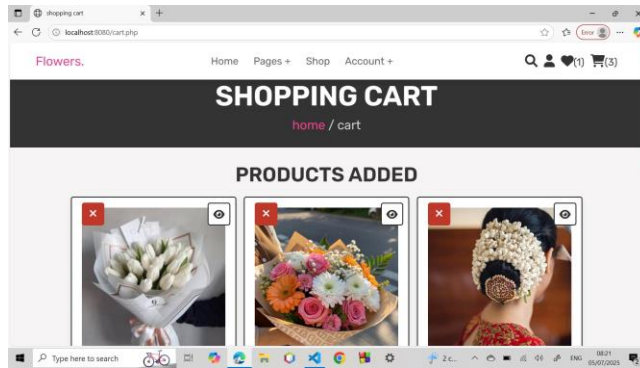
- The frontend was built using HTML and CSS with responsive layouts using Flexbox and Grid.
- JavaScript handled user interactions and validations.
- PHP was used to connect to the MySQL database for CRUD operations.

Screenshots:

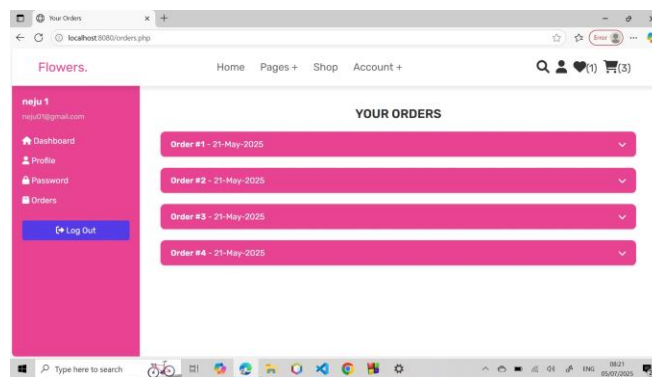
Homepage with featured products



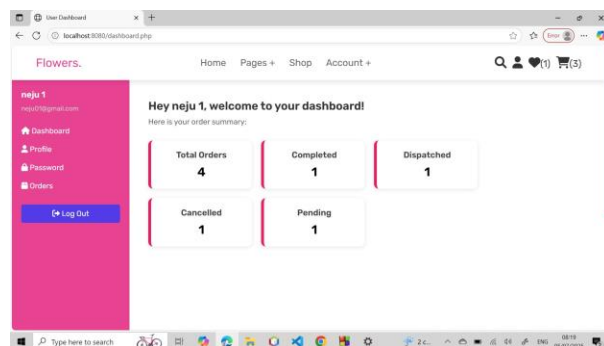
Cart and Wishlist views



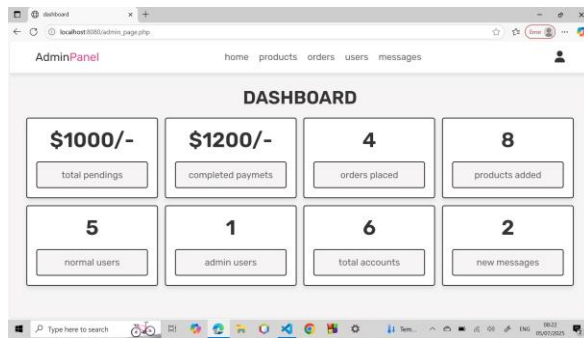
Orders



User profile



Admin product management panel



Database Schema:

- Tables: Users, Products, Orders, Cart, Wishlist, Reviews, Messages

8. Results / Analysis

- The website is fully functional on both desktop and mobile devices.
- All major features (customer login, product management, checkout) are working and tested.
- User experience is smooth, and admins can manage the system efficiently.

9. Challenges Faced

- Making the **Customer Profile Page** was the most challenging part.
 - It required proper session handling, secure data update methods, and a responsive form design.

- Solved with careful use of PHP sessions, form validation, and responsive layout practices
- Creating a fully responsive layout for all screens.
 - Solved using media queries and flexible layout techniques.
- Limited time for full mobile app version – kept for future scope.

10. Conclusion

The project successfully delivers a complete flower shop system with both customer and admin panels. The website is responsive, secure, and functional, meeting all the main objectives.

11. Future Scope Mobile app version for Android/iOS

- Live chat feature for customer support
 - AI-powered product recommendations
 - Loyalty points or reward system
-

Thank You