WEB TECH LAB CS316(L)

COURSE NAME : WEB TECHNOLOGY

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PROJECT REPORT

Project Name

ShopSmart – Online Shopping Website

1. Abstract

ShopSmart is a front-end e-commerce website developed using HTML, CSS, and JavaScript. The website provides a clean and modern interface that allows users to browse different product categories and navigate easily to the shop page.

2. System Overview

The website consists of the following main sections:

- Navigation Bar
- Hero Section
- Product Category Sections
- Promotional Sections
- Email Subscription Section
- Footer with Contact Information

3. Functional Description

Navigation Bar
Provides links to Home, Shop, About, Contact, and a shopping cart icon.

Hero Section
Displays a promotional message with a "Shop Now" button that redirects users to the shop page.

Product Categories
The website includes the following categories:

- Beauty
- Groceries
- Furniture
- Fragrances

Each category contains a description and a "View All" link.

Animations
Animate.css is used to add smooth animations for headings and sections.

Email Subscription
Allows users to enter their email address to subscribe to newsletters and receive discounts.

Footer Section
Displays navigation links, contact details, and copyright information.

4. Non-Functional Requirements

- Responsive and mobile-friendly design
- Easy-to-use interface
- Fast page loading
- Cross-browser compatibility

5. Limitations

- No backend or database integration
- No online payment system
- Static product data

6. Future Enhancements

- User authentication (login/signup)
- Backend integration using PHP or Node.js
- Database integration (MySQL / MongoDB)
- Online payment gateway
- Admin dashboard for product management

7. Conclusion

ShopSmart is a well-designed front-end e-commerce website suitable for academic projects and beginner-level web development. With future enhancements, it can be converted into a complete online shopping platform.