BỘ THÔNG TIN VÀ TRUYỀN THÔNG

HỌC VIỆN CÔNG NGHỆ BƯU CHÍNH VIỄN THÔNG

Weekly Report

Foundation Internship

Project Title: Smart Shop AI Assistant

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Class : E22CQCN05-B

Hà Nội - 2025

INTERNSHIP BASE REPORT – WEEK 9
WEEK 9 INTERNSHIP REPORT

1. Overview of This Week's Work

During the ninth week of the internship, I focused on **completing the entire user and admin frontend interfaces**, based on the layout and design style developed in Week 8. This week's work mainly involved implementing the remaining interface components in detail to ensure a complete, consistent, and user-friendly experience across the system.

2. Work Completed

2.1. Completion of User Interface (Frontend – User Side)

- Added additional pages such as: cart page, checkout page, product detail page, and order history page.

- Optimized the chatbot display across all pages to ensure smooth interaction without interfering with the user experience.

- Reviewed and refined UI details such as colors, icons, spacing, and fonts to maintain visual consistency.

- Tested responsiveness across various screen sizes to ensure a seamless experience on both desktop and mobile devices.

2.2. Completion of Admin Interface (Frontend – Admin Side)

- Finalized the interface for key admin modules: order management, user management, review management, analytics, and admin assistant integration.

- Designed and implemented visual analytics (charts and graphs) to help admins monitor revenue, order volume, and other key metrics.

- Built clean, user-friendly forms for editing product details, user information, and order statuses.

- Optimized layout structure to reduce clutter and enhance visual clarity for easier navigation and operation.

2.3. UI Testing and Optimization

- Conducted thorough UI testing across major browsers (Chrome and Firefox) to identify and fix display issues.

- Ensured layout consistency across pages, removed redundant components, and minimized unused interface code.

- Improved page loading speed by compressing images and removing unnecessary CSS/JS files.

3. Technologies & Tools Used

- **Frontend**: HTML, CSS, JavaScript

- **Backend**: Pure PHP

- **Database**: MySQL

- **API Integration**: Gemini API (for both user and admin virtual assistants)

- **Design & Testing Tools**: Figma, Browser DevTools

4. Outcomes

- The user and admin interfaces are now fully completed, visually consistent, and user-friendly.

- All key features have been successfully integrated into the interface, providing efficient operation and management capabilities.

- The system is now not only functionally stable but also highly polished in terms of interface design, making it ready for real-world deployment.