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 8

1. Overview of This Week's Work

During the eighth week of the internship, I focused on redesigning the entire user interface and the admin dashboard to improve aesthetics, user experience, and usability. In addition, I expanded the functionalities of the admin panel, adding essential features such as order management, user management, product reviews, analytics, and an integrated virtual assistant for admins.

2. Work Completed

2.1. User Interface Redesign

- Completely redesigned the main user interface with a clean layout, harmonious colors, and improved readability.

- Enhanced the chatbox UI with a clearer layout that distinguishes between user and chatbot messages.

- Improved the product display section: names, images, prices, and "Add to Cart" buttons are now more intuitive and accessible on both desktop and mobile devices.

- Added smooth visual transitions and a more engaging experience for end users.

2.2. Admin Dashboard Upgrade and Redesign

- Redesigned the entire admin panel with a professional and user-friendly layout.

- **Expanded admin functionalities**, including:

    - **Product Management**: continue to support adding, editing, and deleting products as in previous weeks.

- ○ **Order Management**: view order details, delivery status, and total value.

- ○ **User Management**: list all customer accounts, with optional role-based access.

- ○ **Review Management**: monitor user feedback on products, with the ability to hide or remove inappropriate reviews.

- ○ **Analytics**: display visual statistics on revenue, order volume, best-selling products, etc.

- ○ **Virtual Assistant for Admins**: integrated chatbot that helps admins quickly search for product, order, or user information, and perform basic actions via a chat interface.

2.3. UI/UX Enhancements

- Reorganized menus, buttons, and icons for easier navigation and operation.

- Ensured the interface is fully responsive and works well across all devices.

- Improved data tables (products, orders, users) to enhance clarity and manageability.

3. Technologies & Tools Used

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

- **Backend**: Pure PHP

- **Database**: MySQL

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

- **Support Tools**: Web browser, Figma/design mockups (or hand-drawn wireframes)

4. Outcomes

- The user interface is now modern, friendly, and easy to navigate, significantly improving user experience.

- The admin dashboard has been redesigned to be more consistent and professional, enabling full system management.

- New features such as order management, user management, review moderation, analytics, and the admin assistant have been successfully implemented and tested.

- The system is now more complete, reliable, and ready for real-world deployment.