

**BỘ THÔNG TIN VÀ TRUYỀN THÔNG**  
**HỌC VIỆN CÔNG NGHỆ BƯU CHÍNH VIỄN THÔNG**



**Third Report**

**Foundation Internship**

***Project Title: Smart Shop AI Assistant***

Instructor: Kim Ngoc Bach  
Student Name : Le Tran Quoc Bao  
Student ID : B22DCVT050  
Lớp : E22CQCN05-B

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## **INTERNSHIP BASE REPORT - WEEK 3**

### **1. Overview of This Week's Work**

During the third week of the internship, I focused on developing the **Admin Dashboard** for the system. This dashboard allows administrators to manage users, orders, and products on the website, providing essential functions such as editing, deleting, and updating data. This step is crucial to ensure smooth system operations and efficient data management.

### **2. Work Completed**

#### **2.1. Developing the Admin Dashboard**

The Admin Dashboard is designed to enable administrators to perform key functions:

##### **User Management:**

- View the user list.

- Update account information.

- Delete accounts when necessary.

##### **Order Management:**

- Display order lists by status (pending, delivered, canceled).

- Update order statuses.

- View order details.

##### **Product Management:**

- Add, edit, and delete products.

- Update product information (name, price, description, images).

- Categorize products by category.

#### **2.2. Technologies Used**

**Backend:**

**Pure PHP:** Handles logic and database connections.

**MySQL:** Stores user, order, and product data.

**Frontend:**

**HTML, CSS, JavaScript:** Builds the admin dashboard interface.

**Bootstrap:** Helps design a user-friendly and responsive UI.

**Authentication & Security:**

**Session PHP:** Manages login sessions and admin access control.

**Bcrypt (PHP password\_hash):** Encrypts passwords before storing them in the database.

**2.3. Completed Features**

Designed an intuitive and user-friendly admin dashboard.

Implemented add, edit, and delete product functionalities.

Displayed user and order lists.

Enabled order status updates directly from the admin dashboard.

Ensured security using session management and password encryption.