

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



First Report

Foundation Internship

Project Title: Smart Sport Shop

Instructor: Kim Ngoc Bach

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INTERNSHIP BASE REPORT - WEEK 1

I. Project Introduction

This project is an e-commerce website for selling sportswear products such as shoes, shirts, and pants. The system integrates an AI-powered chatbot to assist customers by recommending suitable product sizes based on their height and weight, suggesting items according to user preferences, and providing customer support. The frontend is built with HTML/CSS/JS-Bootstrap, and the backend is developed using Node.js, ensuring a responsive and intelligent shopping experience.

II. Key Features

- Provides sports products: shoes, shirts, pants, accessories.
- Smart chatbot supports customers 24/7
- Suggest shoe/clothing sizes based on height, weight, gender.
- Suggest products that suit your needs, style, budget.
- Automatically answer questions about products, orders, returns, etc.
- Convenient shopping cart, payment and order management.
- Search, filter products by type, size, price, color.

III. Technologies Used

- **Frontend:** HTML, CSS, JS
- **Backend:** Express.js
- **Database:** MySQL or MongoDB.
- **Payment:** Integrated bank API.
- **Chatbot:** AI NLP.
- **Email Confirmation:** SMTP (Nodemailer).

IV. Development Plan

1. First Week

-Frontend: In the first week, I'm focusing on the UI of my website, scraping data about pants, shirts, shoes, accessories, on Shopee, Lazada, Adidas,