Project Details

Project Name:	Basic E-Commerce Product Catalog
Assigned To:	Satyavada Sachit Venkata Narayana
Due Date:	2025-04-01

Description:

Project Description:

The **Basic E-Commerce Product Catalog** is a web-based application that allows users to **browse products, view product details, and categorize items**. The system provides a structured way to display products, making it easy for customers to explore available items. This project will be developed using **PHP, Bootstrap, and MySQL** to ensure a **user-friendly and responsive shopping experience**.

Features to Implement

1.

   Product Listing Page

   - Display **all available products** in a grid or list format.

   - Show **product images, names, prices, and short descriptions**.

2.

   Product Details Page

   - Users can **click on a product** to view:

     - **Full description**

     - **Larger image**

     - **Price and specifications**

3.

Category-Based Filtering

- Users can **filter products** by category (e.g., Electronics, Clothing, Books).

4.

Search Functionality

- Implement a **search bar** to find products by name or keyword.

5.

Admin Panel (Product Management)

- Admin can **add, edit, and delete products**.
- Upload and update **product images and descriptions**.

6.

Database Management

- Store **product details, categories, and images** in MySQL.

7.

Security Measures

- Prevent **SQL injection** by sanitizing user inputs.
- Secure product management with **admin authentication**.