
Project Details

Project Name:	Basic E-Commerce Product Catalog
Assigned To:	Tamveel Khan
Due Date:	2025-04-01

Description:

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The **Basic E-Commerce Product Catalog** is a web-based application that allows users to **browse products, view product details, and categorize items**. This system is designed to simulate an **online store's product listing functionality**, where users can explore available products but without online payment integration. The project will be developed using **PHP, Bootstrap, and MySQL** to ensure a dynamic and responsive experience.

Features to Implement

1.

Home Page (Product Listing)

- Display all available products in a **grid or list format**.
- Show **product images, names, prices, and brief descriptions**.

2.

Product Details Page

- Clicking on a product shows **detailed information**, including:
 - Full description
 - Larger product image
 - Price and specifications

3.

Category-Based Filtering

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

4.

Database Management

- Store product details in a **MySQL database**, including:

- **Product Name**
- **Description**
- **Price**
- **Image URL**
- **Category**

5.

Admin Panel (Product Management)

- Add, edit, and delete products from the catalog.

6.

Responsive UI (Bootstrap-Based)

- Ensure a **mobile-friendly layout** for seamless browsing.
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7.

Security Measures

- Prevent **SQL injection** by sanitizing user inputs.