
Project Details

Project Name:	Inventory Management System
Assigned To:	Chintala Jnaneswari
Due Date:	2025-04-01

Description:

Project Description:

The **Inventory Management System** is a web-based application designed to help businesses efficiently **track, manage, and update stock levels**. It allows users to **add, update, delete, and monitor inventory records** in real time. This project will be developed using **PHP, Bootstrap, and MySQL** to ensure a **dynamic, user-friendly, and secure** experience.

Features to Implement

1.

User Authentication

- Secure **admin login** to manage inventory.

2.

Product Management

- Add new **products** with details:

- **Product Name**
 - **Category**
 - **Quantity in Stock**
 - **Supplier Details**
 - **Price**
-

-
- Edit or remove existing products.

3.

Stock Tracking

- Update stock levels when items are **added or sold**.
- Display **low-stock alerts** when quantity is below a threshold.

4.

Search & Filter Functionality

- Search products by **name, category, or supplier**.

5.

Sales & Purchase Records

- Log all transactions (items added, sold, or restocked).
- Maintain **purchase history** for future reference.

6.

Database Management

- Store **inventory details, sales records, and stock updates** in MySQL.

7.

Security Measures

-
- Prevent **unauthorized access** using role-based authentication.
 - Secure database queries to **prevent SQL injection**.