Asset Management Portal

1. Introduction

The Asset Management Portal is a web-based application developed to streamline the management of organizational assets. It helps track asset details, monitor asset life cycles, and ensure proper resource allocation within an organization.

2. Objective

The primary objective of this project is to:

- Efficiently manage organizational assets.

- Maintain records of asset ownership, status, and location.

- Enable easy tracking, updating, and reporting of assets.

3. Features

- User Authentication (Login/Logout)

- Add, Update, and Delete Assets

- Asset Assignment to Employees

- Asset Status Tracking (Available, In Use, Damaged, etc.)

- Search and Filter Assets

- Reporting and Dashboard View

- Role-based Access (Admin, User)

4. Technologies Used

- Frontend: HTML, CSS, JavaScript

- Backend: Node.js / Django (Based on your project)

- Database: MySQL / MongoDB

- Tools: VS Code, GitHub

5. System Architecture

User Interface -> API Layer -> Database

Admin can manage all assets.

Users can view assigned assets.

(You can add a diagram if you have one.)

6. Modules

- User Management

- Asset Management

- Reporting Module

- Search Module

7. Conclusion

The Asset Management Portal improves efficiency in handling company assets by providing a centralized and transparent system. It reduces manual work and minimizes errors in asset tracking.