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.