**PROJECT PLAN DOCUMENT**

| Project number | ***3*** |
| --- | --- |
| Project Title | ***Asset Management System*** |
| Document | ***Project Plan*** |
| Creation date | ***31/01/2025*** |
| Created By | ***Arnav Deshmukh,Bhavya Ahuja, Apeksha Chandak*** |
| Client | ***Shahid Ahmed (Eklavya Foundation)*** |

# **Brief problem statement**

# Develop an Asset Management System to track all assets owned by the organization.

# Maintain asset status, including maintenance, repairs, and associated costs.

# Implement a system to manage depreciation rates for each asset.

# Enable report generation, including depreciation costs of assets.

# Group assets by project and location for better organization.

# Handle changes in asset locations and track employee assignments to assets.

# **Team Members**

# Nidhish Jain-Backend and Testing

1. Mrudani Pimpalkhare-UI and Backend
2. Apeksha Chandak-UI and Testing
3. Bhavya Ahuja- UI and Backend
4. Arnav Deshmukh-Backend and Testing

# **Team Communication**

The team has decided to fix a meet with client every week (via mail) for discussing project requirements ,feedbacks and progression followed by a team meet to plan (at workspace) and schedule the next deliverables till next meet.

# **Development Environment**

# Development Environment: VS Code

# Programming Languages: JavaScript, TypeScript (if needed)

# Frontend Framework: React.js

# Backend Framework: Node.js with Express.js

# Database: MySql(To be confirmed)

# Authentication: JSON Web Tokens (JWT), Passport.js

# State Management: Redux or Context API

# Styling: Tailwind CSS

# Collaboration Tools: GitHub

# API Testing: Postman/Thunder Client

# Version Control: GitHub

# Hosting & Deployment: To be confirmed by client

# Project Documentation: Notion

# **Milestone Schedule**

| **Milestone** | **Due Date** | **Release** | **Deliverable?** |
| --- | --- | --- | --- |
| **MoM Submission** | **02/02/25** | **R1** | **No** |
| **Status Tracker** | **02/02/25** | **R1** | **No** |
| **Figma Design** | **05/02/25** | **R1** | **Yes** |
| **Database schema design** | **10/02/25** | **R1** | **No** |
| **Follow up client meeting to confirm figma and schema** | **13/02/25** | **R1** | **No** |
| **Frontend page designs** | **16/02/25** | **R1** | **Yes** |
| **SRS** | **17/02/25** | **R1** | **Yes** |
| **Follow up client meet to confirm Frontend** | **20/02/25** | **R1** | **Yes** |
| **Design Document** | **03/03/25-**  **09/03/25** | **R1** | **Yes** |
| **User Authentication** | **11/03/25** | **R1** | **Yes** |
| **Completion of basic outline of the website, including backend routes** | **19/03/25** | **R1** | **Yes** |

(Future plans + milestones to be updated as and when the next client meeting is scheduled.)