# PROJECT PLAN DOCUMENT

# (Due: 31st January)

| Project number | *3* |
|---|---|
| Project Title | *Monitoring and evaluation dashboard* |
| Document | Project Plan |
| Creation date | *2 Feb 2025* |
| Created By | *Anvithraj Reddy Basani (creator and contributor), Gautam Bhetanabhotla (contributor), Saubhanik Chaudhuri (contributor)* |
| Client | *Suma Niveditha, Anusandhan social consultants LLP* |

## Brief problem statement

Creation of an M&E (Monitoring and Evaluation) dashboard for the Anusandhan team, that will track the progress of social projects undertaken by them on behalf of various MNCs and organizations. The dashboard will display key project details, including timelines, budgets, indicators, and milestones to showcase progress. The dashboard will also allow users to upload relevant documents and images for each project.

Additionally, a 'comments' feature within every project interface will enable concise communication between Anusandhan Social Consultants LLP and its clients regarding that project.

## Team Members

1.  Anvithraj Reddy Basani
2.  Gautam Bhetanabhotla
3.  Nikhil Repala
4.  Pallamreddy Naga Venkata Viswas Reddy
5.  Saubhanik Chaudhuri

## Team Communication

*Weekly in-person meetings with the client on Wednesdays.  Apart from that, we will communicate with the client and among ourselves on WhatsApp.*

## Development Environment

IDE – VS Code

Technological Stack – MERN

Collaboration tools – Google Meet, Mail and WhatsApp

Documentation Tools – MS Word, Markdown, Notepad (.txt files – useful for MOMs)

API Testing – Postman

GUI Design – Figma, Penpot

UI Library - DaisyUI

Milestone Schedule

| Milestone | Due Date | Release | Deliverable? |
|---|---|---|---|
| Create draft requirements | 07/02/25 | R1 | No |
| Finalize requirements | 14/02/25 | R1 | Yes |
| Model data (add schema and validation in the database) | 14/02/25 | R1 | No |
| Backend APIs to modify project details | 21/02/25 | R1 | No |
| Testing the above APIs | 21/02/25 | R1 | No |
| Project page (read-write, Anusandhan side) | 28/02/25 | R1 | Yes |
| Project gallery (higher structural level of the dashboard showing a list of all projects) | 28/02/25 | R1 | Yes |
| Data visualization on project page (metrics, milestones, budget, etc.) (Charts Tab under Project Page) | 07/03/25 | R1 | Yes |
| KPI Management for Projects (KPI Tab under Project Page) | 07/03/25 | R1 | Yes |
| Multi-Project Overview | 07/03/25 | R1 | Yes |
| Project Timeline View (Timeline Tab under Project Page) | 14/03/25 | R1 | Yes |
| Tab-Based UI Implementation | 14/03/25 | R1 | Yes |
| Admin Management (Add/Remove/Edit Users) | 14/03/25 | R1 | Yes |
| Customizable Data Visualizations (Four types of visualisation implemented: Bar, Line, Scatter, Pie) | 15/03/25 | R1 | Yes |
| Hybrid Progress Estimation Implementation | 21/03/25 | R2 | Yes |
| Project page (read-only, client side) | 28/03/25 | R2 | Yes |
| Role-Based Dashboard Views | 28/03/25 | R2 | Yes |
| Comments & Feedback System | 28/03/25 | R2 | Yes |
| Document Upload System | 28/03/25 | R2 | Yes |

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|---|---|---|---|
| Customizable Data Visualizations (Complex types of visualizations for capturing dynamic nature of project updates, such as sunburst charts, heatmaps etc) | 28/03/25 | R2 | Yes |
| Quarterly & Project-Wise Progress Comparison | 04/04/25 | R2 | Yes |
| Downloadable & Infographic Reports (CSV, PDF) | 11/04/25 | R2 | Yes |
| Notifications & Alerts System | 18/04/25 | R2 | Yes |
| Success Story Upload Feature | 25/04/25 | R2 | Yes |