

PROJECT PLAN DOCUMENT

(Due: 31st January)

Project number	38
Project Title	Offline Data Collection and Cleaning App for Development Projects
Document	Project Plan
Creation date	2/2/25
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Client	Suma Niveditha K, Anusandhan Social Consultants LLP

Brief problem statement

To create a mobile application that can be used to create and fill surveys in remote areas where internet connection is not available. The data should be synced once the internet connection is back on. The form should implement skip logic and data validation to reduce redundancy and time spent on data cleaning.

There should also be a corresponding website for the mobile application that helps with data organization and analysis.

Team Members

1. Vishesh Saraswat
2. Harshikaa Agrawal
3. Kushal Balabhadruni
4. Sriyansh Suryadevara
5. Aishita Marri

Team Communication

The team plans to meet 2-3 times a week in workspaces/other common areas on campus. We will also communicate through WhatsApp and status tracking.

Development Environment

There are two separate things to be worked on. The environment used for developing the project:

1. Google Sheets and Notion for tracking tasks and status of completion

2. Github (and git) for version control and collaboration on code
3. VSCode for writing code
4. MERN (and material design) stack for developing the web dashboard required
5. React-native for developing the mobile application
6. Eclipse for mobile app development

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Learning Technologies	28/1/25	All	Yes
Discuss division of tasks and organisation	28/1/25	All	No
Have finalised plan and first iteration of design	4/2/25	R1	Yes
Basic app without skipping logic and offline data collection	11/2/25	R1	Yes
Refine app with skipping logic and completed ui	19/2/25	R1	Yes
simple interface to create forms using xlsx files	5/3/25	R1	Yes
ability to sync data collected	12/2/25	R1	Yes
Export responses and template for form generation	19/3/25	R1	Yes
Required questions and data organisation	26/3/25	R1	Yes
add dashboard for visualisation	2/4/25	R2	Yes
role based verification/authentication	9/4/25	R2	Yes
Audio recording features fix issues	16/4/25	R2	Yes
deployment	21/4/25	R2	Yes