

# PROJECT PLAN DOCUMENT

Project Number	45
Project Title	Digital Village
Document	Project Plan
Creation Date	4 Feb 2021
Created By	Team 45
Client	Anjaneyulu Nagunoori, SS Tech solutions

## Brief problem statement

The purpose of this project is to build a mobile application to aid in the everyday working of the village panchayat. It is an application aimed to simplify complicated procedures such as announcements, complaint registration, payments, records of villagers etc. within the village. It is built primarily keeping in view the working of Panchayat and requirements of the villagers.

## Team Members

- Ananya Amancherla
- Samruddhi Shastri
- Gunjan Gupta
- Ayush Goyal

## Team Communication

- Weekly client meetings
- Communication over Teams, Slack.
- Version control via GitLab

# Development Environment

- Frontend: React
- Database: PostgreSQL
- API: Flask or Django (Python)
- Android version (10+)
- ORM tool: Python SQLAlchemy
- MockingBot Wireframe Creator

## Milestone Schedule

Milestone	Due Date	Release	Deliverable
<b>SPRINT 1 :</b> <ul style="list-style-type: none"><li>- Create draft requirements</li><li>- Analyze and study requirements</li></ul>	28-01-2021	R1	Yes
<b>SPRINT 2 :</b> <ul style="list-style-type: none"><li>- Finalize requirements</li><li>- Design wireframes</li><li>- Create wireframes</li></ul>	11-02-2021	R1	Yes
<b>SPRINT 3:</b> <ul style="list-style-type: none"><li>- API design</li><li>- Database Design</li><li>- Login/Registration of users</li><li>- Update details for villagers</li><li>- Contact Us</li><li>- About Us</li><li>- Update details by admin</li></ul>	25-02-2021	R1	Yes
<b>SPRINT 4 :</b> <ul style="list-style-type: none"><li>- Make Complaint</li><li>- Complaint Status</li><li>- Process Complaint</li><li>- Update Status</li><li>- Organisation Chart</li><li>- Update Contacts</li></ul>	10-03-2021	R1	Yes

<b>R1 FREEZE</b> <b>(11-03-2021 to 13-03-2021)</b>			
<b>SPRINT 5 :</b> <ul style="list-style-type: none"> <li>- Add Announcements</li> <li>- View Notifications</li> <li>- Payments</li> </ul>	25-03-2020	R2	Yes
<b>SPRINT 6 :</b> <ul style="list-style-type: none"> <li>- Analysis</li> <li>- Use OTP for logging in (if user forgets password)</li> <li>- Upload forms</li> <li>- View forms</li> </ul>	08-04-2020	R2	Yes
<b>SPRINT 7 :</b> <ul style="list-style-type: none"> <li>- Testing</li> </ul>	22-04-2020	R2	Yes
<b>R2 FREEZE</b> <b>(23-04-2021 to 25-04-2021)</b>			