

# PROJECT PLAN DOCUMENT

Project Number	48
Project Title	Vaccination Service for Digital Village
Document	Project Plan
Creation Date	9 Feb 2022
Created By	Team 10
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 the Panchayat and requirements of the villagers.

Additionally, a vaccination micro-service will be incorporated with the general digital village app through which the village admin will be able to track, edit and update the Covid Vaccination details of every member in the village. Analysis updates related to current affairs say the spread of the new Covid variant, shall be published so as to also work as a holistic local news medium. Mechanisms to send out personal notifications regarding vaccination camp information shall be sent to the villagers shall also be implemented.

This way, the app shall serve the purpose of an all-in-one platform customized to suit the needs of the rural community in an area.

## Team Members

- Pratham Gupta
- Siddh Jain
- Harshavardhan Thatipamula
- Nithin Konduru

# Team Communication

- Weekly client meetings
- Communication over Gmeet, Discord.
- 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>	28-01-2022	R1	Yes
<b>SPRINT 2 :</b> <ul style="list-style-type: none"><li>- Finalize requirements</li><li>- Design wireframe for vaccination module</li><li>- Create the wireframe</li></ul>	11-02-2022	R1	Yes
<b>SPRINT 3:</b> <ul style="list-style-type: none"><li>- Vaccination module design:<ul style="list-style-type: none"><li>• API design</li><li>• Database design</li><li>• Personal Details tab</li><li>• Updating details tab</li><li>• Village vaccination list</li><li>• Data charts</li></ul></li></ul>	18-02-2022	R1	Yes

<b>SPRINT 4 :</b> <ul style="list-style-type: none"> <li>- Directed notifications for vaccination module</li> <li>- Upgrading and Debugging old modules</li> <li>- Integration of Vaccination service with old modules</li> </ul>	3-03-2022	R1	Yes
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<b>R1 FREEZE</b> <b>(1-03-2022 to 3-03-2022)</b>			
<b>SPRINT 5 :</b> <ul style="list-style-type: none"> <li>- Add and link announcements</li> <li>- View Notifications</li> <li>- Villager use case</li> <li>- Payment gateway implementation</li> </ul>	18-03-2022	R2	Yes
<b>SPRINT 6 :</b> <ul style="list-style-type: none"> <li>- Deployment</li> <li>- Analysis of Admin use case</li> <li>- Analysis of Villager use case</li> <li>- Debugging</li> </ul>	08-04-2022	R2	Yes
<b>SPRINT 7 :</b> <ul style="list-style-type: none"> <li>- Testing</li> <li>- Review and feedback</li> </ul>	22-04-2022	R2	Yes
<b>R2 FREEZE</b> <b>(25-04-2022 to 27-04-2022)</b>			