

# **Project Plan**

## **Organization Plan:**

Through collaborative brainstorming and decision-making, the whole team will have an active participation in product design and architecture.

Pranav Vamsidhar Reddy Budili assumes the role of project leader, providing clear guidance, leadership, and communication with the client.

The organization adopts a startup culture, with a strong emphasis on learning, growth, and innovation.

The whole team is encouraged to propose innovative solutions and take on tasks beyond their designated roles.

The organization follows agile methodologies to facilitate iterative development and adaptability.

The following list is team members with roles:

- Chandrashekar Srinivas Talada – Fullstack
- Haruna Seidu – Testing and Frontend
- Jeevan Nagaraj – Backend and DevOps
- Pranav Budili – Backend and DevOps
- Paras . - Frontend and Testing
- Sai Bala Kishan Singh Bondili – Testing and Fullstack
- Sai Sumanth Kamshetty – Fullstack

## **Development Plan:**

For project parts to be revealed in the future, the choice between monolithic or microservice-based architecture will be determined. Tasks will be automated with Continuous Integration, and, if necessary, Continuous Deployment using DevOps methods and tools.

The planned languages and frameworks include:

- Frontend: ReactJS
- Backend: Python and Golang (Golang if needed)
- Testing: Selenium
- CI/CD: GitHub Actions
- Containerization: Docker and Kubernetes (if needed)
- Cloud Hosting: AWS (if required)

- Automation: Ansible
- Project Planning and Task Assignment: Jira
- Communication Channels: Slack and Microsoft Teams

### **Conflict Resolution Plan:**

To address potential conflicts within the team, we have established a system where team members take on primary and secondary roles to ensure continuity in case of a team member's absence or underperformance. Team members are encouraged to explore other roles to gain familiarity with various aspects of the project.

Documentation of individual work progress helps maintain transparency and enables the team to continue work if a member is unavailable or falls short of expectations.

Regular stand-up meetings are conducted every two days, providing a platform for team members to seek assistance or offer support during the development process.

Atlassian Jira is used to create, assign, track, and evaluate tasks divided within the team members, ensuring visibility of individual progress.

While these measures are expected to address conflicts effectively, the team remains open to adapting its conflict resolution strategies as needed in response to new challenges in the future.