**Plant Leaf Disease Detection - Team Agreement**

**1. Purpose:**

This agreement defines the roles, responsibilities, expectations, and working guidelines for every team member in the Plant Leaf Disease Detection project.

**2. Team Members and Roles:**

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| --- | --- | --- |
| Name | Role | Responsibilities |
| Paul | Sr. Front End Developer | Develop frontend architecture, UI implementation, responsiveness ensuring |
| Naga Lakshmi | Jr. Front End Developer | Assist in UI development, styling and frontend API integration |
| Nikhita | Front End QA | UI testing, bug reporting and ensuring quality in frontend |
| Sai Priya | Front End Team Lead | Overview of Frontend Development, Task Distribution, and Quality Checks |
| Krishna Kishore | Sr. Back End Developer & Team Lead | Develop backend APIs, integrate ML model, handle backend architecture |
| Gopi Krishna | Jr. Back End Developer | Support API development for Back End |
| Karthik | Back End QA | Perform backend API testing, data integrity, and performance checks |
| Manoj Kumar | Scrum Master | Scrum meetings facilitation, tracking sprint progress, and blocker resolution |

**3. Communication Guidelines:**

**Daily Standups:**

Time: 10:00 PM EST (Zoom & Teams)

Duration: 15 minutes

Each member updates on progress and blockers.

**Weekly Progress Updates:**

Shared in Jira and GitHub repository.

Team Lead to compile the updates for sprint review.

**Communication Platforms:**

Microsoft Teams: Team discussions and updates.

Zoom: Sprint planning, standups, and retrospectives.

Jira: For tracking the sprint backlog, tasks, and issues.

GitHub: For version control, code collaboration, and documentation.

**4. Development Workflow:**

**Coordination between Frontend & Backend:**

API documentation is a must prior to integration into the frontend.

Alignment of tasks between backend and frontend teams during sprint planning.

Code Collaboration & Version Control:

Individual feature branching should use GitHub branches.

PR review process should be followed before merging.

Code must be documented and structured well before submitting a PR( Pull Request ).

**Testing & Quality Assurance:**

Automation and manual testing will be done before deployment.

All features will have to go through QA validation before they can be merged into the main branch.

**5. Expectations and Responsibilities:**

**Commitments:**

Every team member must complete assigned tasks within the sprint timeline.

In case any of the team members face any difficulties, it must be communicated upfront.

**Respect & Collaboration:**

Professionalism and respect toward the contribution of team members.

Provide constructive feedback during code reviews.

**Responsibility:**

Individual tracking by each team member is required.

The Team Lead and Scrum Master will ensure accountability in daily standups.

**6. Conflict Resolution:**

Any disagreement or concern must be discussed among the team in the first instance.

If that doesn't resolve it, mediation by the Scrum Master-Manoj, along with the Team Leads-Sai Priya & Krishna Kishore, will help.

Decisions must be made by consensus, focusing on the success of the project.

**7. Meetings & Deadlines:**

Sprint Planning: First day of each sprint.

Sprint Review & Retrospective: Last day of each sprint.

**Deadlines:**

Team members are supposed to complete their assigned tasks before the end of the sprint.

Any deadline extension must be discussed and approved by the Team Lead and Scrum Master.

**8. Final Agreement:**

The agreement also promises a smooth work process and efficiency in the collaboration of the Plant Leaf Disease Detection project.