

## **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:**

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 necessary before 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 does not 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.