

Team Working Agreement – Phytora

1. Purpose & Scope

This agreement establishes collaboration guidelines for the development of Phytora by Team Salaar. An approved agile-based development cycle ensures efficient execution, accountability, and an efficient framework while maintaining shorter development best practices.

2. Roles & Responsibilities

- **Frontend Developer (FE):** Builds and optimizes the Next.js UI, ensuring seamless interaction with the backend.
- **Backend Developer (BE):** Develops Node.js APIs, integrates with FastAPI, and handles database interactions.
- **Machine Learning Engineer (MLE):** Trains and fine-tunes efficient ML models, manages datasets, and ensures accurate model predictions.
- **QA / DevOps Engineer:** Conducts testing, bug fixes, ensures performance optimization, and validates deployment readiness.

All members are responsible for delivering assigned tasks, maintaining quality, and proactively communicating challenges.

3. Sprint Planning & Retrospective

- **Sprint End:** Monday retrospective to review achievements, blockers, and process improvements.
- **Sprint Planning:** Wednesday – Define tasks, assign responsibilities, and set objectives for the next sprint.

4. Communication & Collaboration

- **WhatsApp** – Daily updates and quick discussions.
- **Google Meet** – Sprint planning, retrospectives, and issue resolution meetings.
- **Trello / Jira** – Task management, tracking workflow, and accountability.

5. Development Workflow & Code Management

- **Version Control** – Use GitHub with feature branching and PR reviews before merging.
- **Testing & Quality Assurance** – Implement end-to-end integration tests, followed by manual verification.
- **Deployment** – Continuous testing and incremental deployment for stability.

6. Accountability & Conflict Resolution

- Team members must proactively report blockers.
- Issues should be discussed and resolved within the team.
- Repeated delays or unresponsiveness may result in task reassignment.

7. Work Hours & Availability

- **Commitment:** 10-15 hours per week per team member.
- **Work Flexibility:** Tasks must align with sprint goals.

8. Agreement & Commitment

All members agree to uphold this agreement to ensure efficient collaboration, high-quality development, and the successful delivery of Phytora.