



AMITY UNIVERSITY
UTTAR PRADESH

AMITY SCHOOL OF ENGINEERING & TECHNOLOGY

WEEKLY PROGRESS REPORT (WPR)

For the week commencing: 15/09/2025 – 21/09/2025

WPR 9

Enrollment Number: A41105222180 Program:

B-Tech CSE

Student Name: ABHISHEK KUMAR SHARMA

Faculty Guide's Name: Bhanu Prakash Lohani

Project Title: AI-Powered Smart Farming Assistant

TARGETS SET FOR THE WEEK

1. Perform unit testing (frontend & backend).
2. Conduct user testing and gather feedback.
3. Optimize AI models for speed and accuracy.
4. Fix UI/UX bugs and responsiveness issues.
5. Prepare deployment scripts (Docker/Vercel/Heroku).

Achievements:

1. Deployed frontend (Vercel) and backend (Render/Heroku), fully functional.
2. Final usability testing done with 8 users; 90% satisfaction reported.
3. Created help guide with screenshots and usage steps.
4. Documented codebase: README, comments, API docs.
5. Drafted final project report structure and completed 60% of it.

FUTURE WORK PLANS

Final deployment, documentation, and report writing.