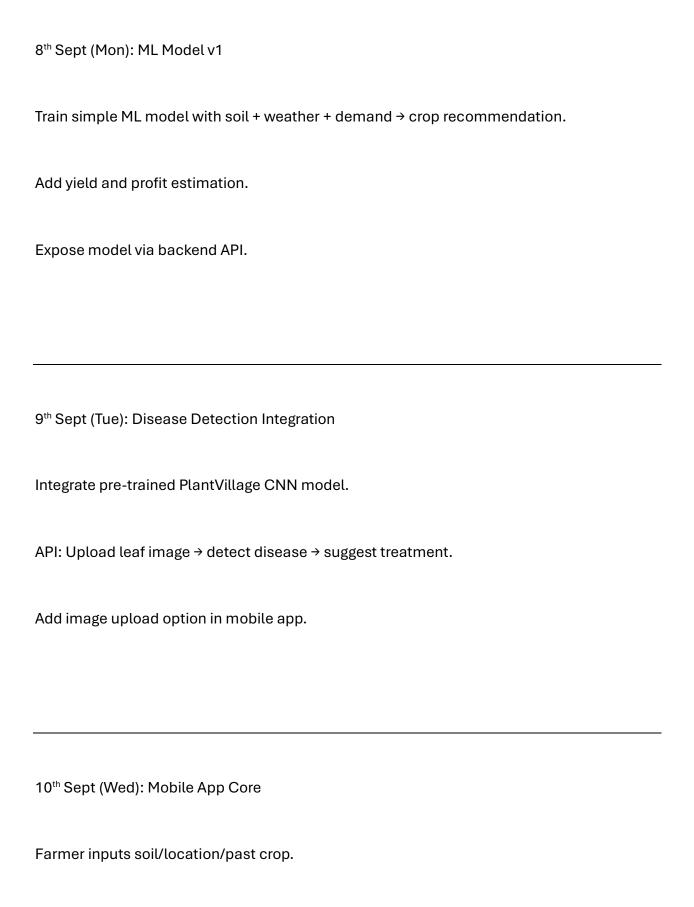
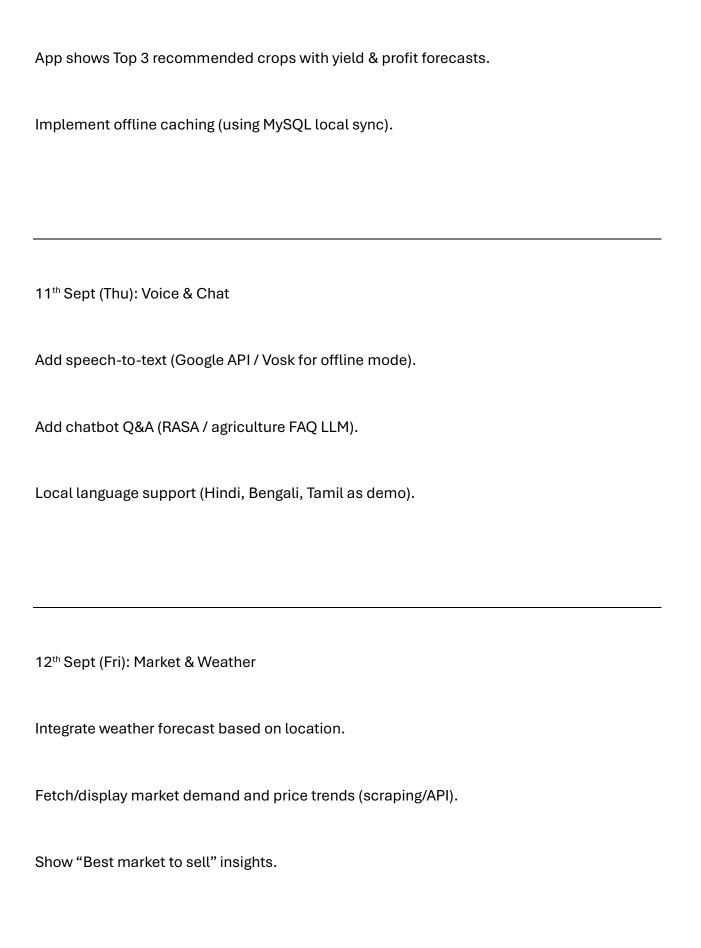
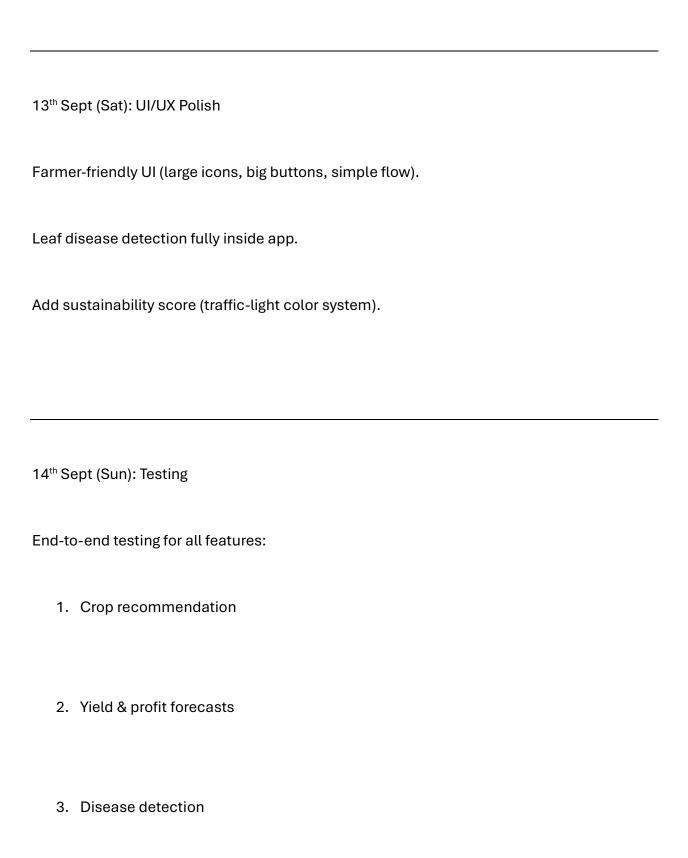
SIH25030 – Al-Based Crop Recommendation for Farmers
Roadmap (Deadline: 15 th September 2025)
6 th – 7 th Sept (Sat–Sun): Setup & Data Integration
Finalize problem scope (crop recommendation, disease detection, market/weather).
Collect APIs/datasets (SoilGrids/Bhuvan, IMD/OpenWeather, Agmarknet).
Setup tech stack:
Backend: FastAPI/Node.js
Mobile App: Flutter/React Native
Database: MySQL
Initialize GitHub repo and basic mobile app skeleton (farmer login/profile).







4. Chatbot + voice interface
Optimize for low internet connectivity.
15 th Sept (Mon): Final Demo Build
Freeze prototype for demo.
Record demo video.
Prepare PPT + documentation for SIH submission.
Final Deliverable
Al-powered crop recommendations.
Yield & profit forecast.

Crop disease detection.
Market & weather insights.
Multilingual voice/chat interface.
Offline support (MySQL local sync).