

AnnSamrakshna - Weekly Plan (Jan 29 - Mar 31, 2025)

Week 1 (Jan 29 - Feb 4) - Synopsis Submission & Initial Research

- Submitted synopsis on Jan 29
- Plan the app workflow & user journey
- Create basic UI for Login, Home, Donation, NGO pages
- Choose KivyMD components for UI
- Create timeline

Week 2 (Feb 5 - Feb 11) - UI/UX Development Begins

- Implement Login & Registration UI in KivyMD
- Design Home Page UI (List of Donations, NGOs)
- Implement Donation Form UI

Week 3 (Feb 12 - Feb 18) - Completing Frontend Screens

- Finalize NGO Dashboard UI
- Implement Profile Page (Donor/NGO)
- Add navigation & transitions between screens

Week 4 (Feb 19 - Feb 25) - Database Setup & Firebase Integration

- Set up Firebase
- Design Firestore Database Schema
- Connect Firebase with the app (User Authentication)

Week 5 (Feb 26 - Mar 3) - Firebase & Backend Logic

- Implement User Registration & Login using Firebase
- Store user details in database (Donor/NGO profiles)
- Implement food donation data storage
- Test basic read/write operations

Week 6 (Mar 4 - Mar 10) - Core Features Implementation

- Implement real-time updates for donations
- Enable NGOs to view & accept donations
- Implement status tracking (Donated, Accepted, Delivered)

Week 7 (Mar 11 - Mar 17) - Enhancements & Testing

- Improve error handling
- Improve app performance & Firebase efficiency
- Collect feedback from users/mentors

Week 8 (Mar 18 - Mar 24) - Bug Fixing & Documentation

- Fix UI inconsistencies & critical bugs
- Write project report & documentation
- Prepare presentation slides

Week 9 (Mar 25 - Mar 31) - Final Testing & Submission

- Conduct final testing & debugging
- Generate APK for project submission
- Finalize project presentation
- Submit final project & report

Final Deliverables by March 31:

- Fully functional Food Waste Management System
- Firebase integrated with real-time updates
- Well-documented project report & presentation
- APK ready for submission & demonstration