

IT644 Web Services and SOA

PropEase Project Plan / Gantt Chart

Task timeline and milestones

Team task assignments

Tools: Trello, Jira, GanttProject

Task Timeline and Milestones

Sprint	Timeframe	Description of Work
Sprint 1	Aug 20 – Aug 26	Project Proposal: Define scope, features, tech stack, roles, and timeline. Deliverable: Proposal Document.
Sprint 2	Aug 27 – Sep 07	Requirements Gathering: Functional & non-functional requirements, user stories, UI wireframes (draft). Deliverable: Requirements Specification.
Sprint 3	Sep 08 – Sep 14	System Design: Architecture, ERD, component diagrams, API contracts, final wireframes. Deliverables: Design Document + Gantt Chart.
Sprint 4	Sep 15 – Sep 28	Initial Development Setup: MERN stack setup, Git repo, CI/CD config. Start core modules (auth, user roles). Weekly progress reports begin.
Sprint 5	Sep 29 – Oct 14	Core Features Development: Property listing module, search filters, Google Maps API integration (basic). Mid-Semester Demo prep. Deliverable: Partial working demo.
Sprint 6	Oct 15 – Oct 28	Advanced Features: Chat system, scheduling visits, EMI calculator. Continue weekly reports.

Sprint 7	Oct 29 – Nov 04	Testing Prep: Unit tests, integration tests, DB population with sample data, bug log creation. Deliverable: Test Plan + Test Cases.
Sprint 8	Nov 05 – Nov 15	Final Development & Deployment: AI price estimator, 360° property tours, security configs, hosting (Heroku/Vercel). Deliverables: Final App + Deployment URL.
Sprint 9	Nov 16 – Nov 18	Documentation & Presentation: Final report (15–25 pages), project slides, poster, walkthrough video. Deliverables: Final Report + Presentation.
Sprint 10	Nov 19, 2025	Peer Review & Contribution Report: Submit self/peer assessments. Final closing sprint.

Team Task Assignments

Tools: Jira