📅 **Date**	1st June 2025	8th June 2025	14th June 2025	19th June 2025
🏷️ **Name**	Requirement Analysis and Database Design	API Development	Frontend Development	Application Deployment
🎯 **Goal**	Establish a clear understanding of project requirements. Finalize database schema and relationships.	Build backend APIs for CRUD operations and business logic.	Create a responsive, user-friendly UI integrated with backend services.	Launch a stable, production-ready version of the application.
⭐ **Features**	Requirement gathering sessions with stakeholders Entity relationship diagram (ERD) creation.	RESTful APIs using express.js Authentication and authorization	React-based frontend with routing and state management. Components for forms, listings, dashboards, etc. API integration for real-time data display.	Deployment with CI/CD pipeline using github actions. Hosting on AWS Cloud provider.
📊 **Metrics**	Completion and approval of ERD and schema. Peer-reviewed schema with no major design flaws.	All endpoints pass Postman integration tests.	Zero critical UI/UX bugs during QA testing.	Successful deployment with 0 downtime.