Phase	📅 Month	Key Objective / Task	Key Deliverables	⊝ Status
1: Research & Planning	01/08/2025	Project Kick-off & Literature Review	Project Proposal (v1.0), Literature Review Document	Completed
1: Research & Planning	01/09/2025	System Architecture & Design	System Architecture Diagram, SRS, UML & ERD Diagrams	Completed
1: Research & Planning	01/10/2025	Final Planning & Prototyping	Objective Docs, IoT Sensor Prototype, Data Simulator Script (v1)	Completed
2: Core Implementation	01/11/2025	Cloud Foundation & Pipeline Setup	Secure AWS Environment, Live Data Ingestion Pipeline (v1), Deployed DB Schemas	In Progress
2: Core Implementation	01/12/2025	Backend API & Dashboard (v1)	Functional API Backend, Dashboard (v1), Clinic Data Entry Portal	Not Started
2: Core Implementation	01/01/2026	Federated Learning System (v1)	Deployed Flower Server, Citizen PWA (v1), Successful FL Test Round	Not Started
3: AI Development	01/02/2026	Central AI Model Training (Graph Transformer)	SageMaker Training Pipeline, Trained AI Model (v1), Deployed Model Endpoint	Not Started
3: AI Development	01/03/2026	Full System Integration	Feature-Complete System (Beta), AI Insights on Dashboard, Live field-deployed IoT sensors	Not Started
4: Testing & Finalizing	01/04/2026	Beta Testing & Documentation	Stable Beta Build, User Feedback Report, Final Project Report (Draft)	Not Started
4: Testing & Finalizing	01/05/2026	Final Submission & Project Defense	Submitted Final Report, Submitted Final Codebase, Final Project Presentation	Not Started