Project Design Phase-II
Data Flow Diagram & User Stories

Date	19/05/2025 – 30/06/2025
Team ID	LTVIP2025TMID31711
Project Name	HealthAI: Intelligent Healthcare Assistant Using IBM Granite
Maximum Marks	4 Marks

Data Flow Diagram:
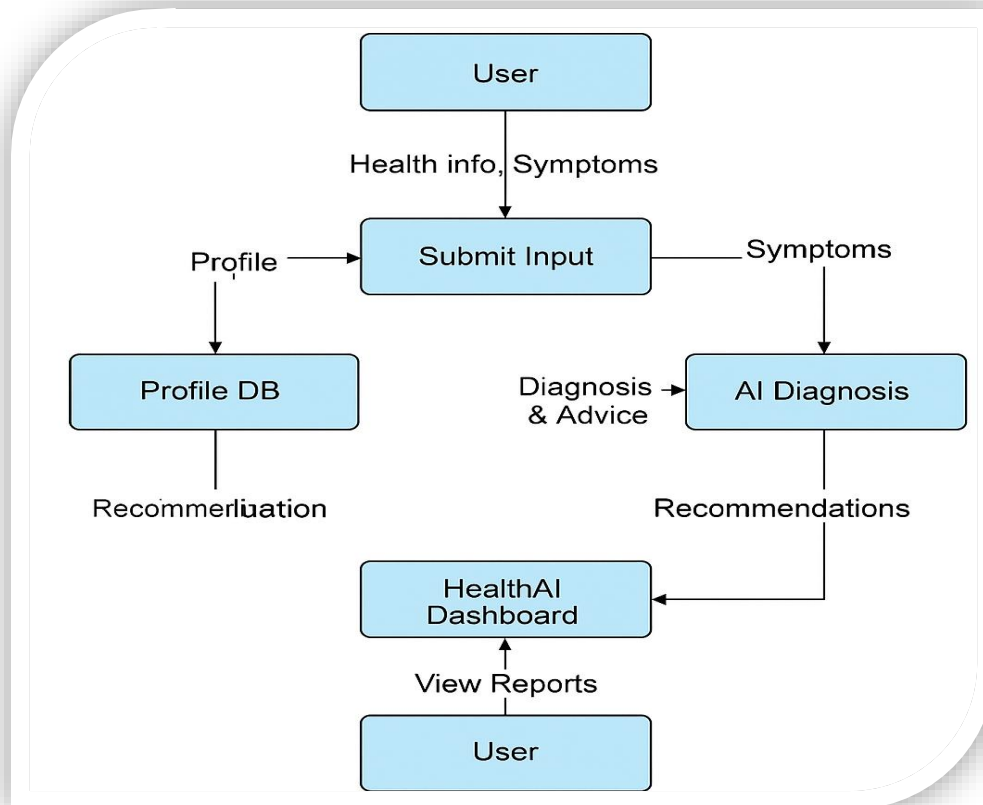
Data Flows

- User → Submit Input: Profile, Symptoms

- Submit Input → Profile DB: Store/update personal health   data

- Submit Input → AI Diagnosis: Send symptoms

- AI Diagnosis → Treatment Generator: Predicted condition

- Treatment Generator → HealthAI Dashboard: Display advice

- Dashboard → User: View treatment/graphs/histor

DFD Level 0:

- **User** → inputs → **HealthAI Interface** → processes → **AI Backend (Granite Model)** → outputs → **Results (Diagnosis, Treatment, Analytics)**

- **User** ↔ **Database** (Profile, History)

- **Backend** ↔ **Email API / External APIs**

User Stories

User Type	Functional Requirement	User Story No.	User Story	Acceptance Criteria	Priority	Release
User	Profile Setup	USN-1	As a user, I can register and update my health profile	My details are saved and editable	High	Sprint 1
User	Symptom Checker	USN-2	As a user, I can enter symptoms and get disease prediction	I receive disease name based on symptoms	High	Sprint 1
User	Treatment Plan	USN-3	As a user, I can get treatment suggestions based on diagnosis	I see AI-suggested advice and remedies	High	Sprint 2
User	Analytics	USN-4	As a user, I can view logged data in graph format	I see trend lines of glucose or heart rate	Medium	Sprint 2
Admin	Monitoring	USN-5	As an admin, I can view system logs and user trends	System reports are accessible	Medium	Sprint 3