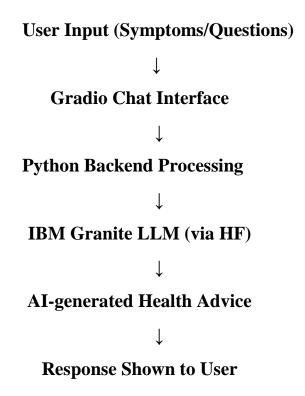
## Project Design Phase-II Data Flow Diagram & User Stories

Date	27 June 2025			
Team ID	LTVIP2025TMID59196			
Project Name	HealthAI Intelligent Healthcare Assistant			
Maximum Marks	4 Marks			

## **Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



**User Stories**Use the below template to list all the user stories for the product.

User Type	Function al Require ment (Epic)	User Story Number	User Story / Task	Accepta nce Criteria	Priority	Release
Patient / End User	Sympto m Input (Data Entry)	USN-1	As a user, I can enter my sympto ms using voice or text	I can submit sympto ms through voice or text interface	High	Sprint-1
Patient / End User	Sympto m Mapping & Storage	USN-2	As a user, my sympto ms are stored and mapped for further analysis	I can see that my sympto ms are accepted and saved	High	Sprint-1
ML/AI Engine (System)	Data Preproce ssing	USN-3	As a system, I can handle missing values and encode categori cal sympto m data	Preproce ssing happens with no missing data errors	High	Sprint-1
ML/AI Engine (System)	Disease Predictio n	USN-4	As a system, I can predict	I receive a list of possible conditio	High	Sprint-2

			possible diseases based on the sympto ms given by the user	ns based on input sympto ms		
Patient / End User	Model Respons e	USN-5	As a user, I can view health suggesti ons or predicte d conditio ns on screen	I receive readable health output instantly	High	Sprint-2
Web UI User	HTML Frontend	USN-6	As a user, I can interact with a simple and clean health assistant page	I can open and interact with the page without errors	Medium	Sprint-2
System Admin / DevOps	Gradio Deploy ment	USN-7	As an admin, I can deploy the AI model and connect it with the web interface using Gradio	I can access the assistant online and it runs successf ully	High	Sprint-2