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

Date	31 June 2025
Team ID	LTVIP2025TMID60000
Project Name	Health AI-Intelligent Healthcare Assistant using IBM Granite
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) in health care visually represents how a patient data moves through a system, showing the flow of information between entities like patients, doctors, and administrators, and how it's processed, stored and used. DFDs are crucial for understanding and optimizing healthcare processes, improving data accuracy and enhancing patient care.

Example:
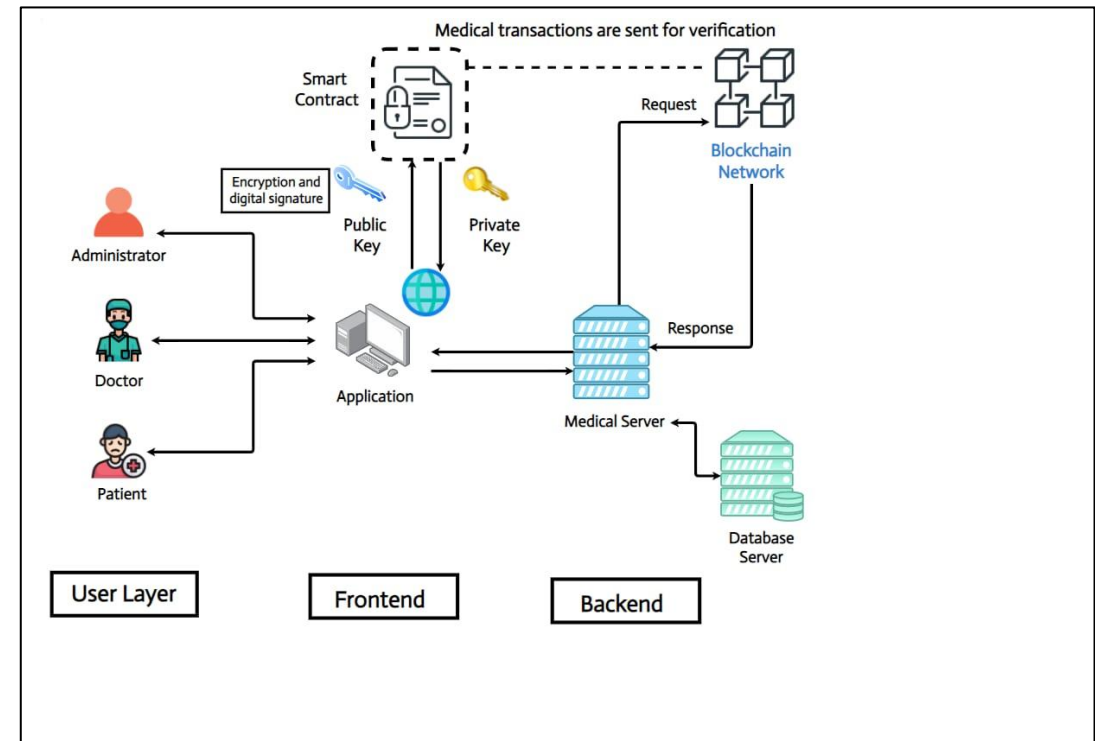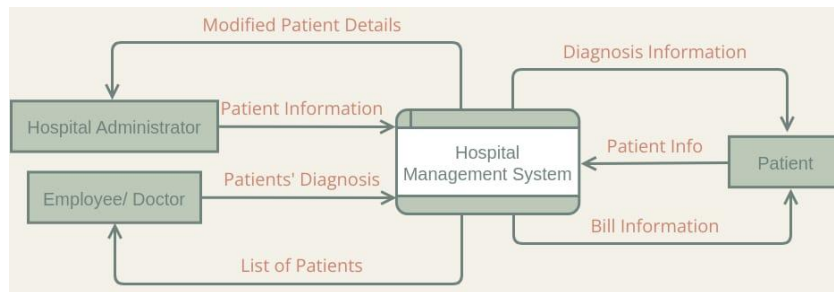
User stories:

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer (Mobile user)	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Mobile user)	Registration	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
Customer (Mobile user)	Registration	USN-4	As a user, I can register for the application through Gmail	I can register and access dashboard using Gmail	Medium	Sprint-1
Customer (Mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password	Login is successful and redirects to dashboard	High	Sprint-1
Customer (Mobile user)	Doctor connect	USN-6	As a user, I can escalate to a doctor if AI response is not satisfactory	I can request a human consultation	Medium	Sprint-3
Customer (Web user)	Dashboard access	USN-7	As a user, I can use web interface to interact with the assistant	Responsive and accessible web interface	High	Sprint-1
Customer (Web user)	Notifications	USN-8	As a user, I can receive appointment and medication remainders	Remainders are timely and accurate	Medium	Sprint-2
Customer Care Executive	Query support	USN-9	As a support executive, I can view un resolved user issues	Issues are clearly displayed in the dashboard	Medium	Sprint-2
Customer Care Executive	Escalation handling	USN-10	As a support executive, I can escalate cases to doctors	Escalation workflow is functional	Medium	Sprint-3
Administrator	User management	USN-11	As an admin, I can manage roles and permissions of users	Role-based access works correctly	High	Sprint-1
Administrator	System monitoring	USN-12	As an admin, I can monitor system activity and AI usage	Logs are accurate and timely	High	Sprint-1