Project Design Phase-II
Data Flow Diagram & User Stories

| Date	31 January 2025
Team ID	SWTID1743517106
Project Name	Book a doctor
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.

Example: **(Simplified)**
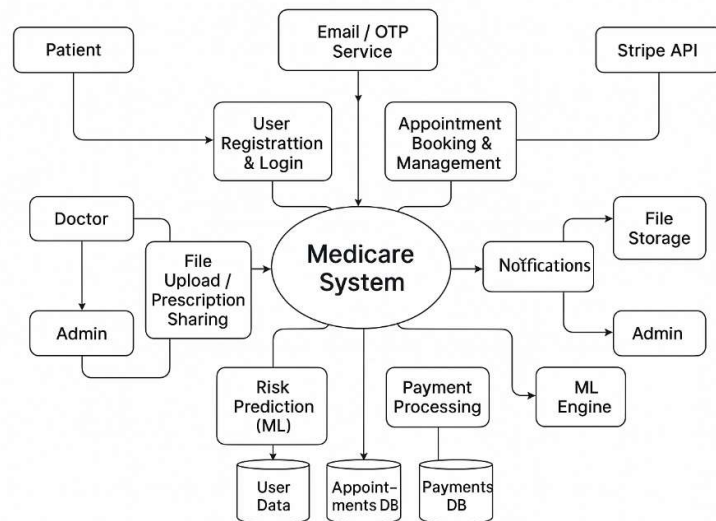
Example: DFD Level 0 (Industry Standard)
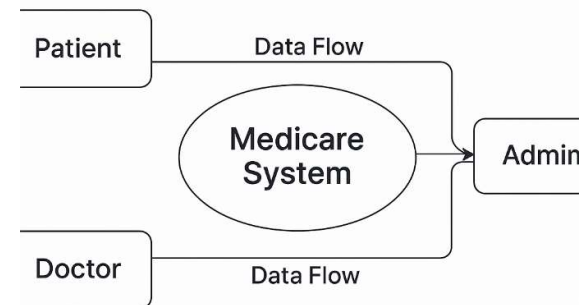
User Stories

Here's a well-structured breakdown of user stories based on our Medicare project:

User Type: Patient

Functional Requirement	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Registration	USN-1	As a patient, I can register via email and password	Can access dashboard after registering	High	Sprint-1
Registration	USN-2	As a patient, I receive confirmation email/OTP after registering	Confirm account via link/OTP	High	Sprint-1
Login	USN-3	As a patient, I can log in with my credentials	Can see dashboard after login	High	Sprint-1
Appointment	USN-4	As a patient, I can book an appointment with a doctor	See booking confirmation	High	Sprint-2
Payment	USN-5	As a patient, I can pay via Stripe after booking	Receive payment receipt	Medium	Sprint-2
ML Risk	USN-7	As a patient, I can see predicted risk from my data	Risk level displayed on dashboard	Low	Sprint-3

User Type: Doctor

Functional Requirement	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Dashboard	USD-1	As a doctor, I can view all appointment requests	List of patients shown	High	Sprint-2
Dashboard	USD-2	As a doctor, I can accept or reject appointments	Patients notified	High	Sprint-2
Profile	USD-4	As a doctor, I can update availability	Only available slots shown	Low	Sprint-3

User Type: Admin

Functional Requirement	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
User Management	USA-1	As an admin, I can manage user roles	Can promote/demote users	Medium	Sprint-3
System Monitoring	USA-2	As an admin, I can see total users, appointments, payments	Admin dashboard displays data	Medium	Sprint-3