

Project Design Phase-II(Requirement analysis)

Data Flow Diagram & User Stories

Date	15 june 2025
Team ID	LTVIP2025TMID46139
Project Name	Doc Spot
Maximum Marks	4 Marks

Data Flow Diagrams:

The Data Flow Diagram (DFD) of DocSpot illustrates how data moves within the system between users (patients, doctors, admin) and internal processes.

Patients can register, log in, view doctors, and book appointments.

Doctors can register, log in, set availability, and manage appointments.

Admins review and approve doctor profiles and monitor the system.

The system includes modules like:

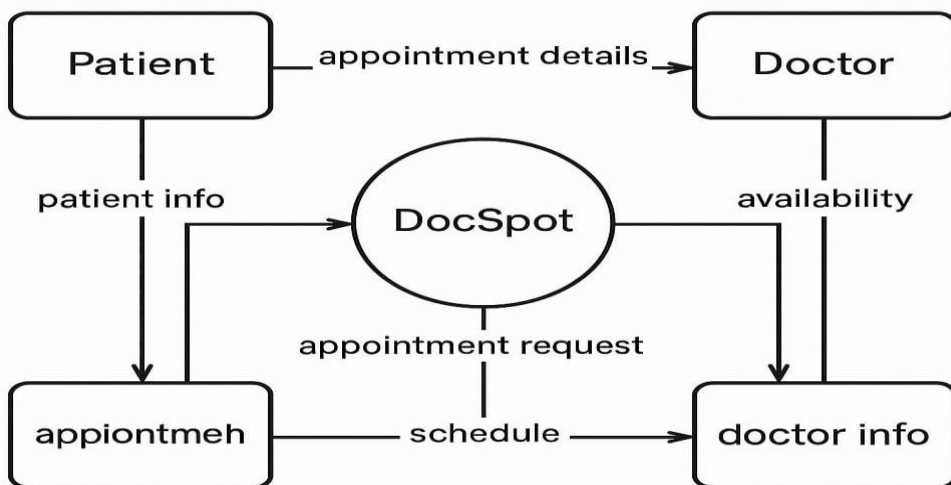
User Authentication

Appointment Booking

Doctor Availability Management

Admin Management

DATA-FLOW DIAGRAM:



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 log in successfully using Gmail and reach dashboard	Medium	Sprint-1
Customer (Mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password	I am logged in and redirected to dashboard	High	Sprint-1
Customer (Mobile user)	Dashboard	USN-6	As a user, I can view upcoming appointments and health notifications.	Dashboard displays appointments, alerts, and upcoming events	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Book Appointment	USN-7	As a user, I can search for doctors and book an appointment.	I get confirmation of booking with time, doctor details	High	Sprint-2
Customer (Web user)	Dashboard	USN-8	As a user, I can log in from a browser and view appointment history.	My dashboard is accessible via web browser	High	Sprint-2
Customer Care Executive	Profile Settings	USN-9	As a user, I can edit my profile details.	I can update name, phone, gender, etc., and save successfully	Medium	Sprint-3
Administrator	View Appointments	USN-10	As a care executive, I can view upcoming bookings for all users.	List of all appointments with filter/sort options	Medium	Sprint-3
Administrator	Contact Patients	USN-11	As a care executive, I can contact patients for confirmation or follow-up.	Option to send SMS/Call or email from dashboard	Medium	Sprint-4
Administrator	Manage Doctors	USN-12	As an admin, I can approve or reject doctor profile applications	Doctor's status is updated and notification is sent	High	Sprint-3
Administrator	View System Metrics	USN-13	As an admin, I can see total users, doctors, appointments in dashboard.	Analytics dashboard is visible with charts and stats	Medium	Sprint-4