Project Design Phase-II
Data Flow Diagram & User Stories

Date	27-06-2025
Team ID	LTVIP2025TMID58589
Project Name	Docspot: Seamless Appointment Booking For Health
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) illustrates how data flows within the Docspot healthcare appointment system. It captures the interactions among users (patients, doctors, and admins), the system's processes (like appointment booking, doctor verification, and user management), and how the data is stored and transferred.
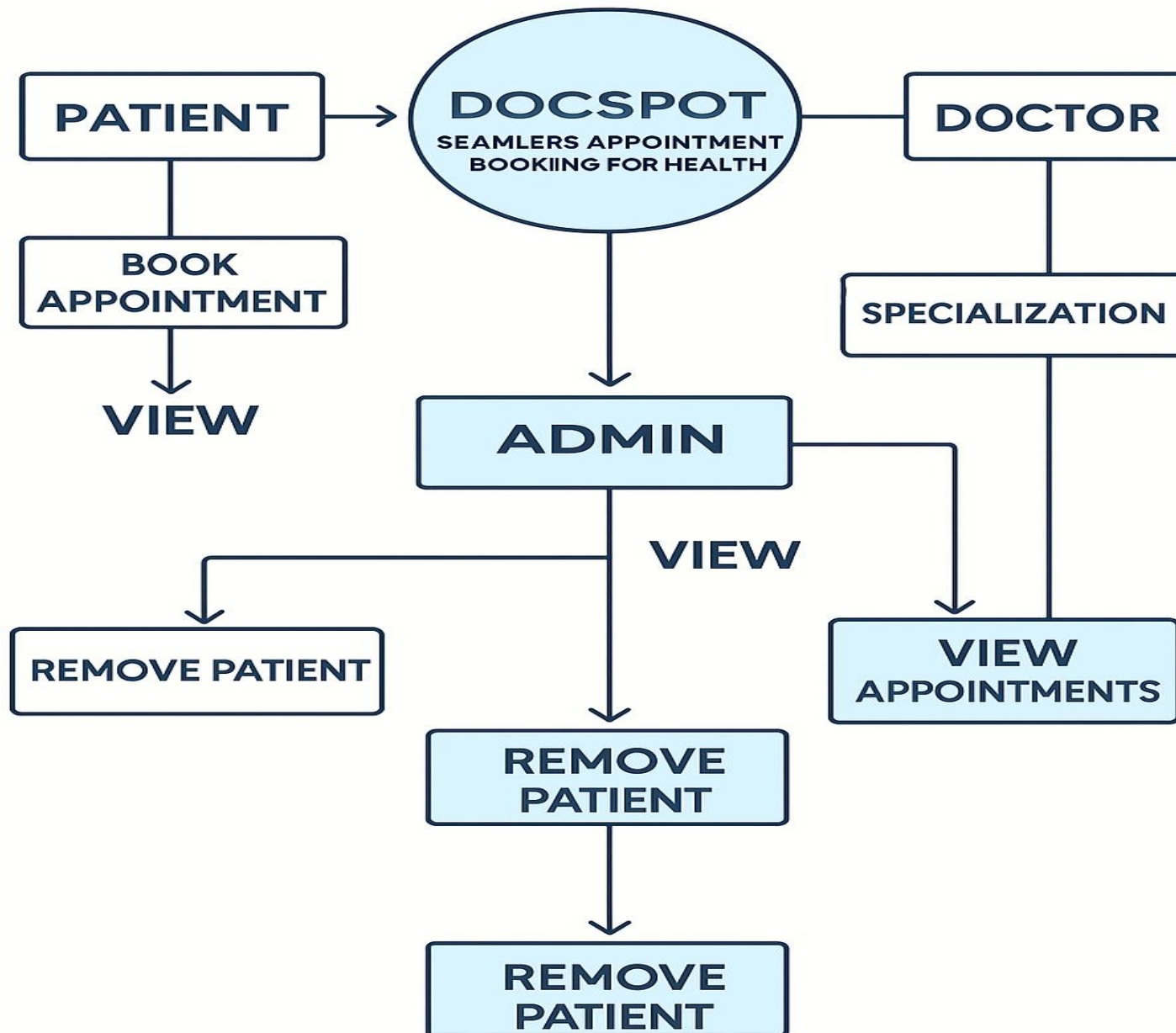
User Stories

User Story Table – Docspot: Seamless Appointment Booking for Health

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance Criteria	Priority	Release
Patient	Doctor Search & Filter	As a patient, I can search and filter doctors based on specialization, location, and availability.	Doctors match search filters.	High	Sprint-1
Patient	Appointment Booking	As a patient, I can book appointments with available doctors.	Appointment is scheduled and confirmed.	High	Sprint-2
Doctor	Schedule Management	As a doctor, I can manage and update my available slots.	Schedule updates are reflected in real-time.	High	Sprint-1
Doctor	Appointment Approval	As a doctor, I can accept or decline appointment requests.	Patient is notified of confirmation or rejection.	High	Sprint-2
Admin	Verification & Moderation	As an admin, I can verify doctor profiles and monitor activity.	Unverified doctors are flagged or restricted	High	Sprint-2
User	Messaging System	As a user, I can message the other party securely within the app.	Messages are delivered and stored.	Medium	Sprint-3