

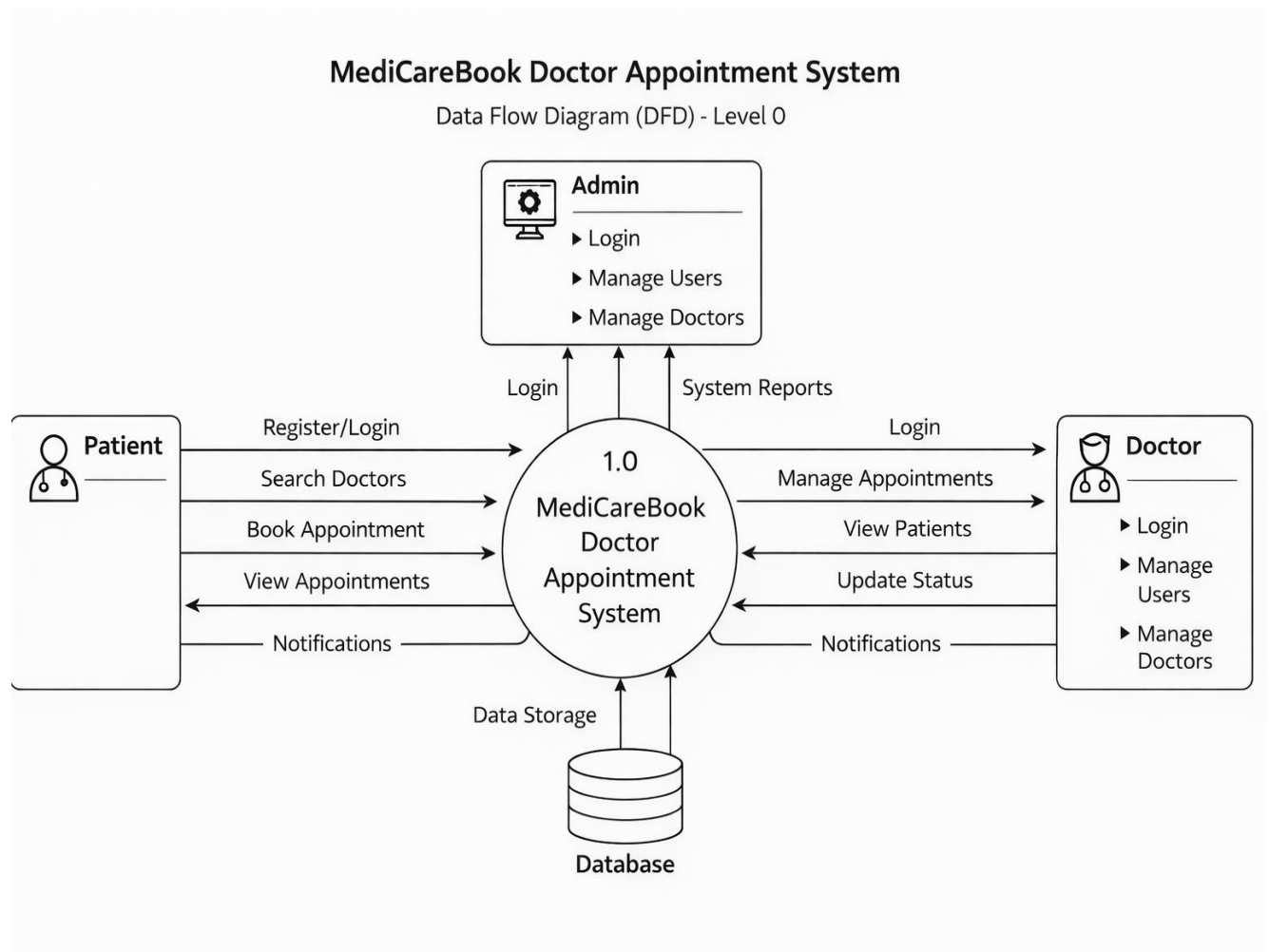
Project Design Phase-II

Data Flow Diagram & User Stories

Date	24-12-2025
Team ID	
Project Name	MediCareBook – Doctor Appointment Booking
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) illustrates how data moves within the **MediCareBook Doctor Appointment Booking System**. It shows how users (patients, doctors, and admin) interact with the system, how appointment and profile information flows between different components, and where the data is processed and stored.



User Stories

User Story Table – MediCareBook

User Type	Functional Requirement	User Story / Task	Acceptance Criteria	Priority
Patient	Search Doctors	As a patient, I can browse and search doctors by specialization, name, or experience.	Relevant doctors are displayed correctly.	High
Patient	View Doctor Details	As a patient, I can view doctor details before booking.	Page shows specialization, fees, timing, experience.	High
Patient	Book Appointment	As a patient, I can book an appointment with a doctor.	Appointment successfully recorded and shown in “My Appointments”.	High
Patient	View Appointments	As a patient, I can view status of my appointments.	Appointment shows status (Pending / Approved / Rejected).	High
Patient	Profile	As a user, I can edit my profile details.	Changes save successfully.	Medium
Doctor	Dashboard	As a doctor, I can view my appointments.	Dashboard loads accurate stats.	High
Doctor	Manage Appointments	As a doctor, I can Accept or Reject appointments.	Status updates instantly.	High
Admin	Manage Users	As an admin, I can manage users and doctors.	Block / delete actions update successfully.	High
Admin	Monitor System	As an admin, I can monitor platform statistics.	Dashboard displays correct counts.	High