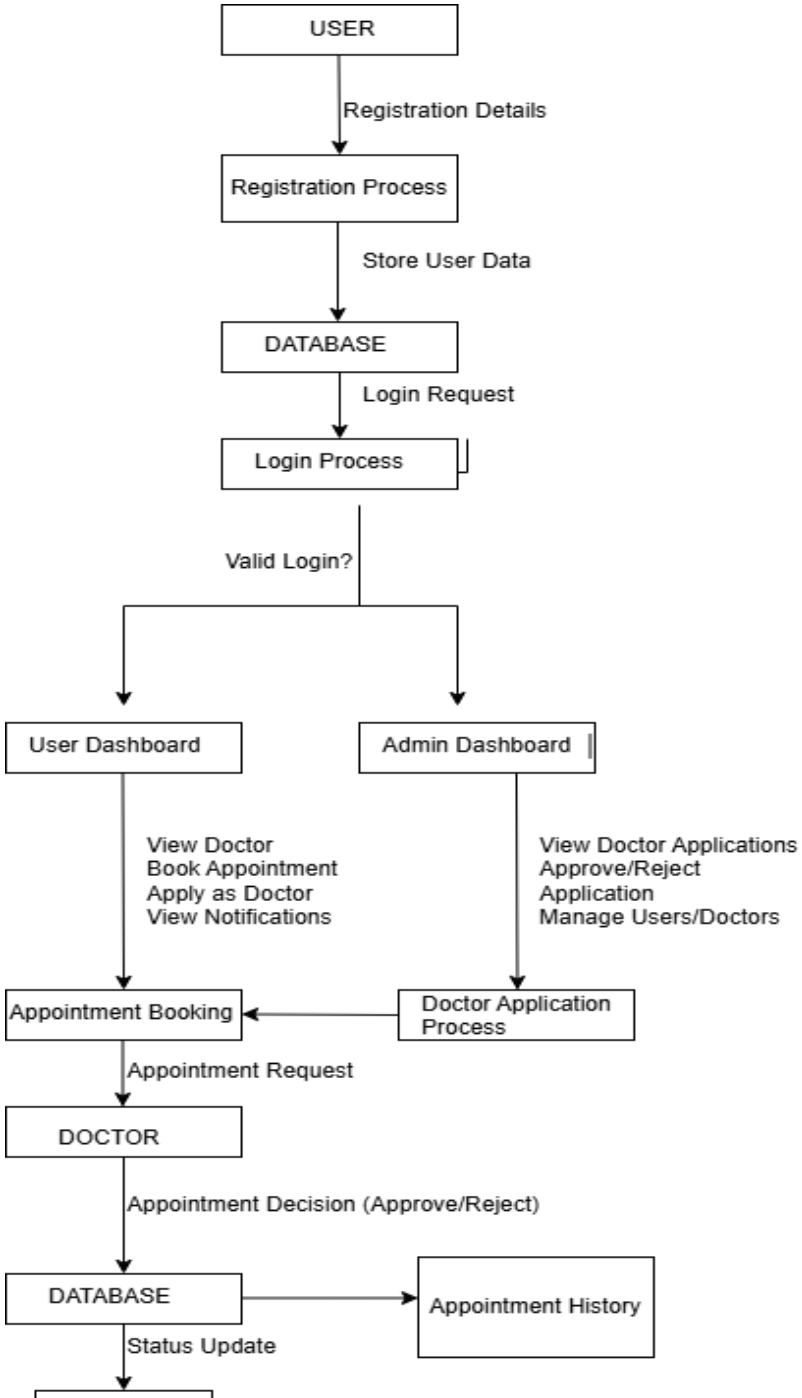
Project Design Phase-II
Data Flow Diagram & User Stories

Date	3 December 2025
Team ID	
Project Name	Medifolio - Doctor Appointment Booking system
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) illustrates how data moves within the Medifolio Doctor Appointment Booking System. It shows how users, doctors, and admins interact with the system, how information flows between different processes, and where the data is stored.

Example: DFD Level 0 (Industry Standard)


USER
Registration Details
Registration Process
Store User Data
DATABASE
Login Request
Login Process
Valid Login?
User Dashboard
Admin Dashboard
View Doctor
Book Appointment
Apply as Doctor
View Notifications
View Doctor Applications
Approve/Reject
Application
Manage Users/Doctors
Appointment Booking
Doctor Application
Process
Appointment Request
DOCTOR
Appointment Decision (Approve/Reject)
DATABASE
Appointment History
Status Update

User Stories

User Story Table –Medifolio (Doctor Appointment Booking System)

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance Criteria	Priority	Release
User	Registration	nt to register with my details so that I can cre	User account is created successfully and stored in the database.	High	Sprint-1
User/Admin	Login	As a user/admin, I want to log in securely so that I can access my dashboard.	Login is successful and redirects to the correct dashboard.	High	Sprint-1

User	View Doctors	As a user, I want to view a list of approved doctors so that I can choose one.	Approved doctors appear clearly on the dashboard.	High	Sprint-1
User	Book Appointment	As a user, I want to book an appointment with a doctor so that I can visit at my preferred time.	Appointment is saved, and user receives a confirmation notification.	High	Sprint-1
User	Upload Documents	As a user, I want to upload a document during booking if needed.	Uploaded document is linked to the appointment.	Medium	Sprint-2
User	Apply as Doctor	As a user, I want to apply to become a doctor on the platform.	Application is submitted and visible to the admin for review.	Medium	Sprint-2
Admin	Review Doctor Applications	As an admin, I want to review doctor applications so that I can approve or reject them.	The doctor's status updates immediately after decision.	High	Sprint-1

Admin	Manage Doctors	As an admin, I want to approve/reject doctor profiles so that the system stays validated.	Approved doctors appear to users; rejected ones do not.	High	Sprint-1
Admin	Manage Users	As an admin, I want to view all registered users so that I can monitor platform usage.	User list loads successfully.	Medium	Sprint 2
Doctor	Manage Schedule	As a doctor, I want to update my available time slots so that users can book correctly.	Users see updated availability instantly.	High	Sprint 1
Doctor	Approve/Reject Appointments	As a doctor, I want to approve or reject appointment requests.	User receives notification of doctor’s decision.	High	Sprint 1
User	View Notifications	As a user, I want to receive notifications about appointment status.	Notifications appear instantly in dashboard.	High	Sprint 2
User	Appointment History	As a user, I want to see my past and upcoming appointments.	History loads with correct details.	Medium	Sprint 2