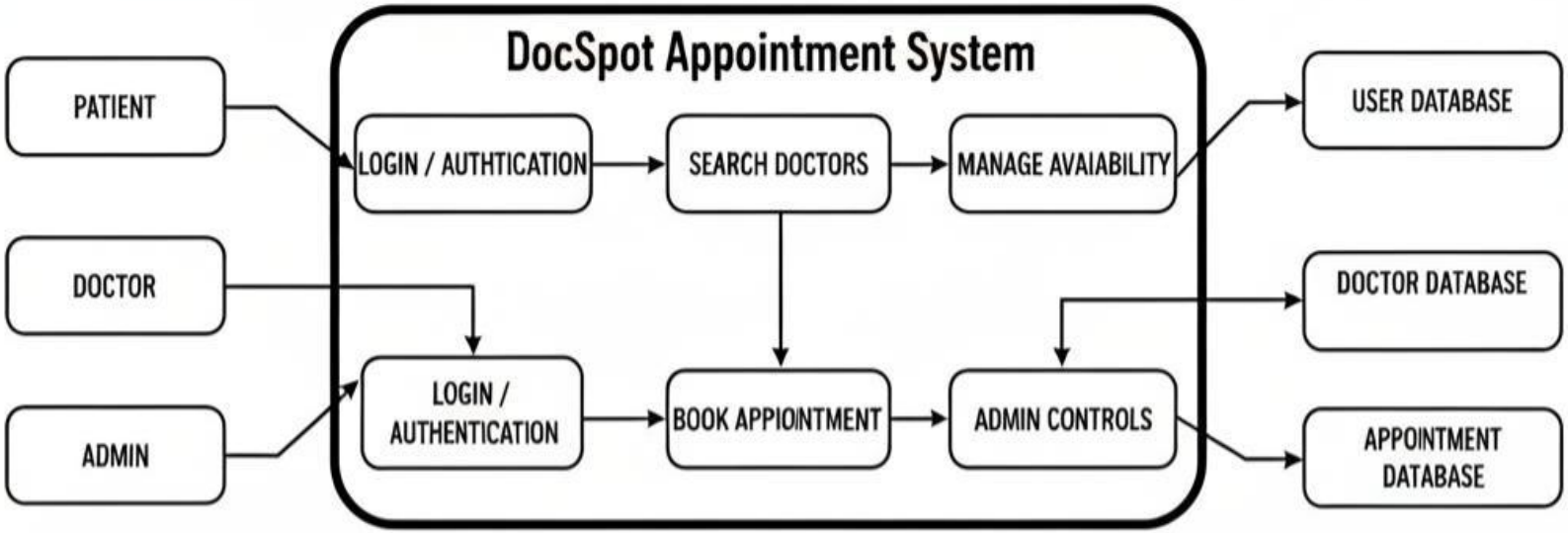
**Project Design Phase-II**
**Data Flow Diagram & User Stories**

| | |
|---|---|
| Date | 26-11-2025 |
| Name | Sanjeevi M |
| Project Name | DocSpot – Doctor Appointment Booking System |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**

A Data Flow Diagram (DFD) illustrates how data flows within the DocSpot platform. It captures how patients, doctors, and admins interact with the system, how appointment details move between components, and where the data is stored

**Example: DFD Level 0 (Industry Standard)**



## User Stories

## User Story Table – DocSpot

| User Type | Functional Requirement (Epic) | User Story / Task | Acceptance Criteria | Priority | Release |
|---|---|---|---|---|---|
| Patient | Appointment Booking | As a patient, I can search doctors by specialization. | Relevant doctor list is shown with profiles. | High | Sprint-1 |
| Patient | Appointment Booking | As a patient, I can book an appointment with a doctor. | Appointment appears in my history & confirmation is shown. | High | Sprint-1 |
| Patient | Appointment Management | As a patient, I can cancel or reschedule appointments. | Updated appointment status reflects instantly. | Medium | Sprint-2 |
| Doctor | Availability Management | As a doctor, I can update my available time slots. | New slots appear to patients searching. | High | Sprint-1 |
| Doctor | Appointment Dashboard | As a doctor, I can view my daily appointments. | List of appointments loads correctly. | Medium | Sprint-2 |
| Admin | User Management | As an admin, I can add or remove doctors. | Doctor list updates in system. | High | Sprint-1 |
| Admin | Appointment Monitoring | As an admin, I can monitor all appointments in the system. | Admin dashboard shows all records. | Medium | Sprint-2 |
| User | Notifications | As a user, I can receive reminders for appointments. | Reminder notifications appear on time. | Medium | Sprint-2 |