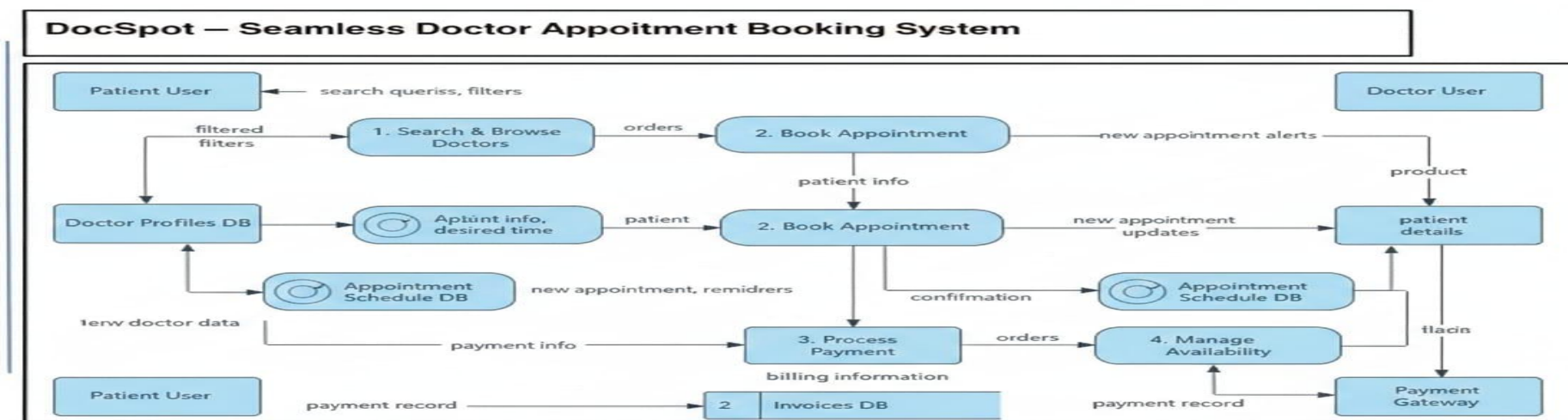


## Project Design Phase-II Data Flow Diagram & User Stories

|               |  |
|---------------|--|
| Date          | 16 February 2026                                     |
| Team ID       | LTVIP2026TMIDS34705                                  |
| Project Name  | DocSpot – Seamless Doctor Appointment Booking System |
| Maximum Marks | 4 Marks  |

### Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored



## User Stories.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task   | Acceptance criteria   | Priority | Release  |
|-----------|-------------------------------|-------------------|---|---|----------|----------|
| Patient   | Registration                  | USN-1             | As a patient, I can register using my email or social accounts.               | User can access the personal health dashboard after successful verification.            | High     | Sprint-1 |
| Patient   | Doctor Search                 | USN-2             | As a patient, I want to filter doctors by specialty and location.             | System displays a list of available doctors based on selected search criteria.          | High     | Sprint-1 |
| Patient   | Appointment Booking           | USN-3             | As a patient, I want to select a time slot and book an appointment instantly. | User receives booking confirmation and the selected slot becomes unavailable to others. | High     | Sprint-1 |
| Doctor    | Availability Management       | USN-4             | As a doctor, I want to manage my schedule and mark busy hours.                | Doctor dashboard updates availability in real-time for patient view.                    | High     | Sprint-1 |
| Admin     | Doctor Verification           | USN-5             | As an admin, I want to verify doctor credentials before they go live.         | Only verified doctor profiles are visible and searchable by patients                    | Medium   | Sprint-2 |