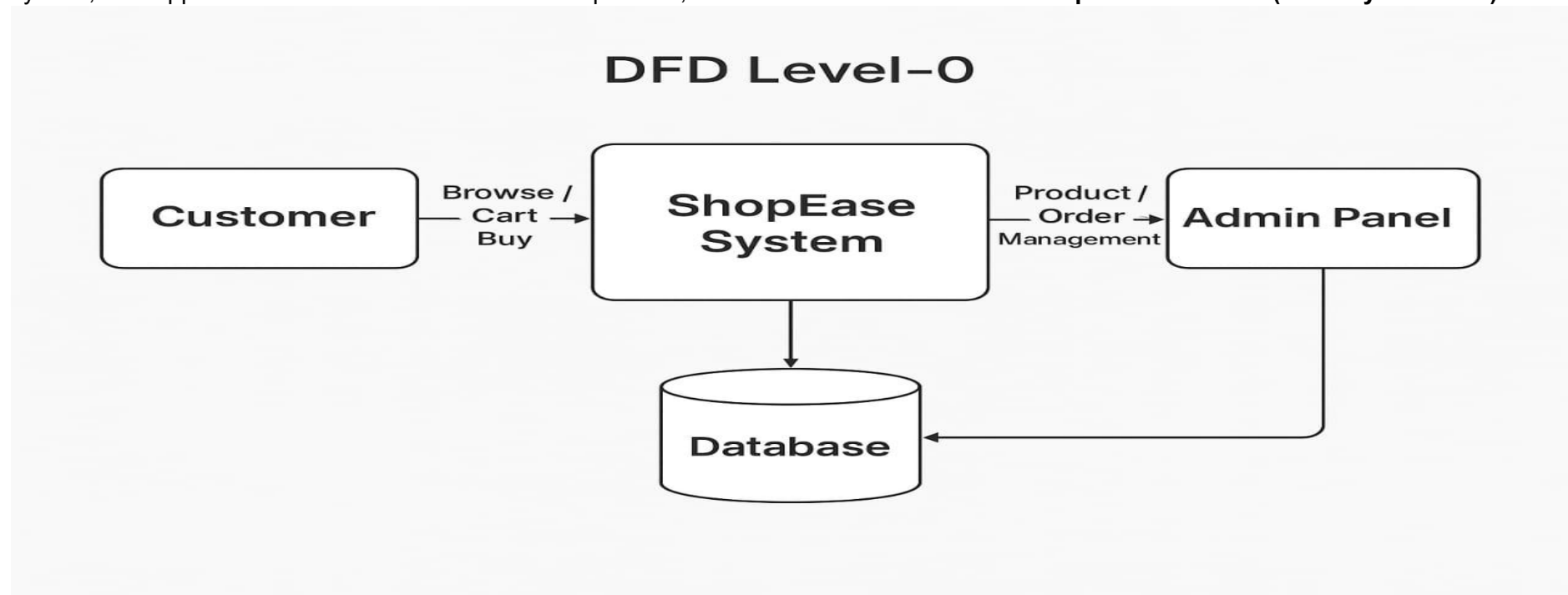


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

|               |   |
|---------------|---|
| Date          | 26-11-2025                                  |
| Name          | Vignesh v                                   |
| 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 Role | Feature Set (Epic)                | User Narrative / Task   | Validation Criteria  | Priority | Sprint Phase |
|-----------|-----------------------------------|---|--|----------|--------------|
| Patient   | Provider Discovery & Booking      | As a patient, I need to filter and locate doctors by their medical specialty.     | A relevant list of doctor profiles with bios is displayed.           | High     | Sprint-1     |
| Patient   | Provider Discovery & Booking      | As a patient, I want to reserve a specific time slot with a chosen physician.     | The booking is logged in my history and a confirmation is generated. | High     | Sprint-1     |
| Patient   | Booking Modification/Cancellation | As a patient, I need the ability to reschedule or cancel an existing appointment. | The updated appointment status is reflected instantly.               | Medium   | Sprint-2     |
| Doctor    | Schedule & Slot Control           | As a doctor, I need to update my available consultation hours.                    | New time slots are immediately visible to patients searching.        | High     | Sprint-1     |
| Doctor    | Daily Physician Overview          | As a doctor, I want a consolidated view of my appointments for the day.           | The list of scheduled appointments loads accurately.                 | Medium   | Sprint-2     |
| Admin     | Doctor Onboarding & Governance    | As an admin, I need to add new doctors or remove inactive ones.                   | The system's master doctor list updates accordingly.                 | High     | Sprint-1     |
| Admin     | System-Wide Booking Oversight     | As an admin, I need a global view to monitor all appointments.                    | The admin dashboard aggregates and displays all records.             | Medium   | Sprint-2     |
| User      | Automated Alerts & Reminders      | As a user, I expect to receive timely notifications for upcoming visits.          | Reminder alerts are delivered prior to the scheduled time.           | Medium   | Sprint-2     |