

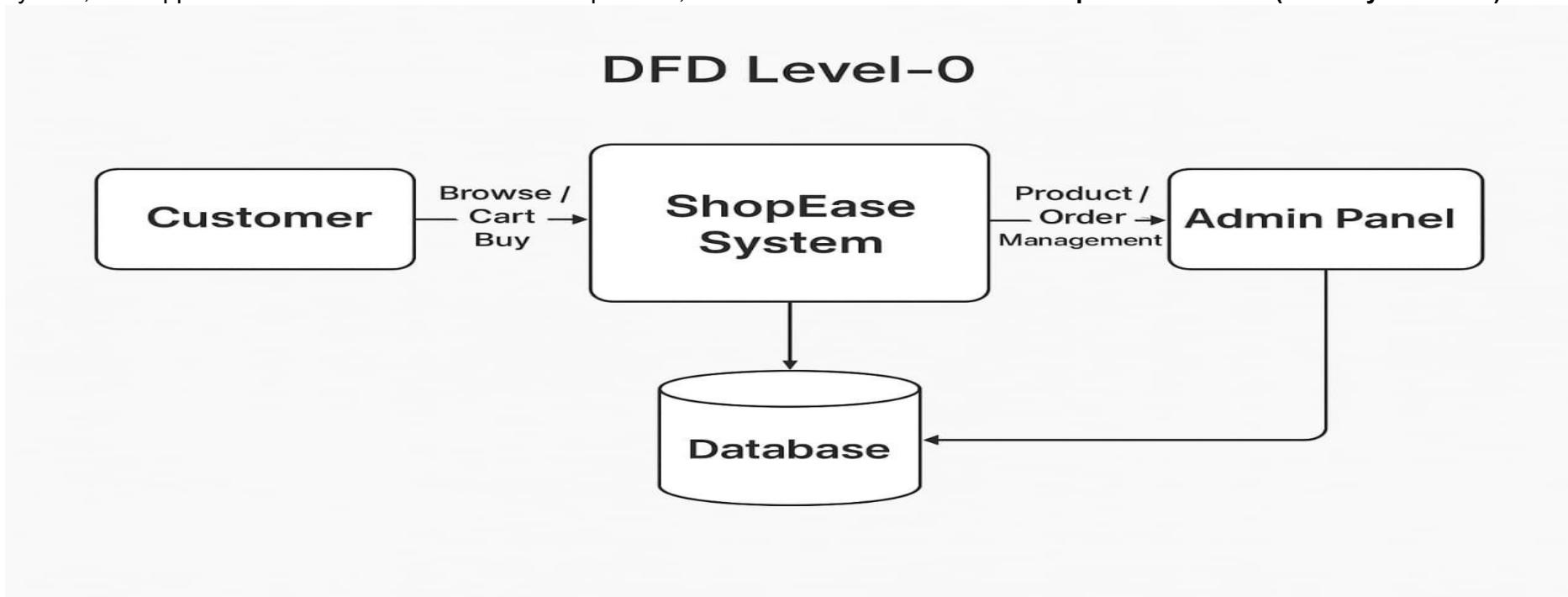
## Project Design Phase-II

### 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