

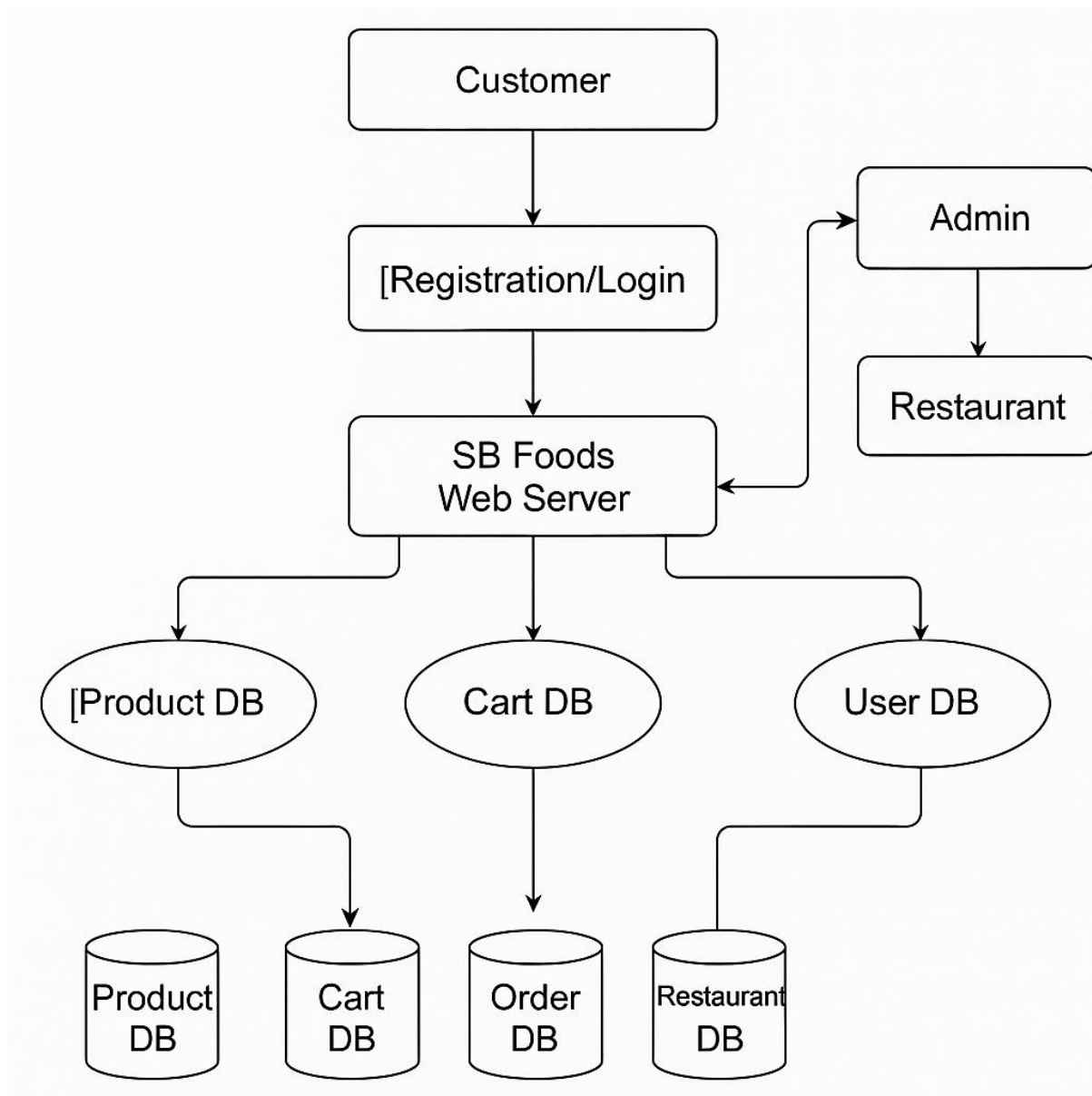
Project Design Phase-II

Data Flow Diagram & User Stories

Date	24 June 2025
Team ID	LTVIP2025TMID53161
Project Name	SB Foods - On-Demand Food Ordering Platform
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.



Key Flows:

- Customer → Registration/Login → System → Stores in User DB
- Customer → Browse Products → View from Product DB
- Customer → Cart → Cart DB → Place Order → Order DB
- Admin → View Users/Orders → Manage DB
- Restaurant → Login → Add/Edit Products → Product DB

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming password.	I can access my account/dashboard	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I have registered.	I can receive confirmation email and click confirm	High	Sprint-1
		USN-3	As a user, I can register via Facebook.	I can register and access dashboard using Facebook	Low	Sprint-2
		USN-4	As a user, I can register via Gmail.	I can register and access dashboard using Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log in with email and password.	I can enter credentials and see my dashboard	High	Sprint-1
	Dashboard	USN-6	As a user, I can view available food items with filters.	I can view food listings by category or restaurant	High	Sprint-1
	Cart	USN-7	As a user, I can add items to my cart.	Items appear in cart and quantity can be changed	High	Sprint-2

	Orders	USN-8	As a user, I can place an order and get confirmation.	Order is submitted and stored in DB; user gets confirmation	High	Sprint-2
Restaurant	Authentication	USN-9	As a restaurant, I can log in to my dashboard.	Successful login with restaurant credentials	High	Sprint-1
	Product Management	USN-10	As a restaurant, I can add/edit/delete my food listings.	My listings are updated and saved properly	High	Sprint-2
	Orders	USN-11	As a restaurant, I can view orders placed on my menu.	Orders are visible and filterable by status/date	Medium	Sprint-2
Administrator	Admin Login	USN-12	As an admin, I can log in with secure credentials.	Successful login to admin dashboard	High	Sprint-1
	Manage Users	USN-13	As an admin, I can view and manage all user accounts.	I can deactivate/delete accounts and see activity logs	Medium	Sprint-2
	Approve Restaurants	USN-14	As an admin, I can approve or reject restaurant registrations.	Approved restaurants can start listing	High	Sprint-2
	Reports	USN-15	As an admin, I can generate order, product, and user reports.	I can download/view analytical summaries	Medium	Sprint-3