Project Design Phase-II
Data Flow Diagram & User Stories

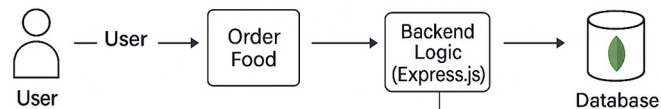| Date	26 June 2025
Team ID	LTVIP2025TMID51307
Project Name	orderonthego: your on-demand food ordering solution
Maximum Marks	4 Marks

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.

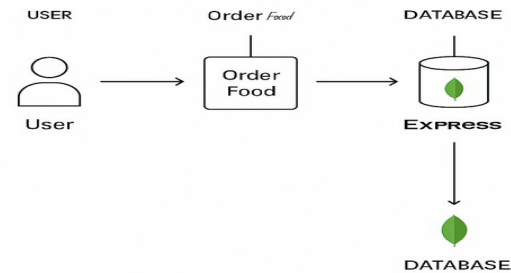| Example: DFD Level 0 (Industry Standard) |
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Example: (Simplified)

SYSTEM ARCHITECTURE DIAGRAM

1. User places food order.
2. Order sent to backend (Express.js).
3. Backend processes order and checks menu.
4. Order confirmation is generated.
5. Order is stored in MongoDB database.

Flow

1. User places food order.
2. Order is transferred to the backend.
3. Express server processes the order.
4. Order confirmation is created.
5. Order is stored in MongoDBngd database.

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	User Registration & Login	USN-1	As a user, I can register and log in securely	Valid credentials allow login; errors shown for invalid input	High	Sprint-2
	Restaurant Browsing	USN-2	As a user, I can browse a list of restaurants with promoted ones highlighted	Restaurant list loads correctly	Medium	Sprint-2
	Cart and Order Placement	USN-3	As a user, I can add items to cart and place orders	Cart updates in real-time; order confirmation is displayed	HIgh	Sprint-2
	Order History	USN-4	As a user, I can view my past orders	Orders are listed with item details and status	High	Sprint-2
Restaurant Owner	Menu Management	USN-5	As a restaurant owner, I can add, edit, or delete menu items	Menu updates reflect in the customer view instantly	Low	Sprint-3
	Order Monitoring		As a restaurant owner, I can see incoming orders and update their status	Orders are listed by time	Low	Sprint-3
Admin	Restaurant Approval	USN-6	As an admin, I can approve or reject new restaurant registration requests	Approval updates visibility status of restaurant	Medium	Sprint-4
	Promotion Management	USN-7	As an admin, I can promote selected restaurants to appear in a featured section	Promoted tag appears; promoted restaurants shown first	Low	Sprint-4