

Project Design Phase-II
Data Flow Diagram & User Stories

Date	22-10-2023
Team ID	590962
Project Name	Snacks Squad
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.

Data Flow:

User Registration Data: Flows from the Users to User Registration and Profile Management.

Snack Catalog Data: Flows from the Catalog Management to the Catalog Database and to the Users.

Order Data: Flows between Users, Order Management, and the Order Database.

Recommendation Data: Flows from User Profiles Database to User Recommendations.

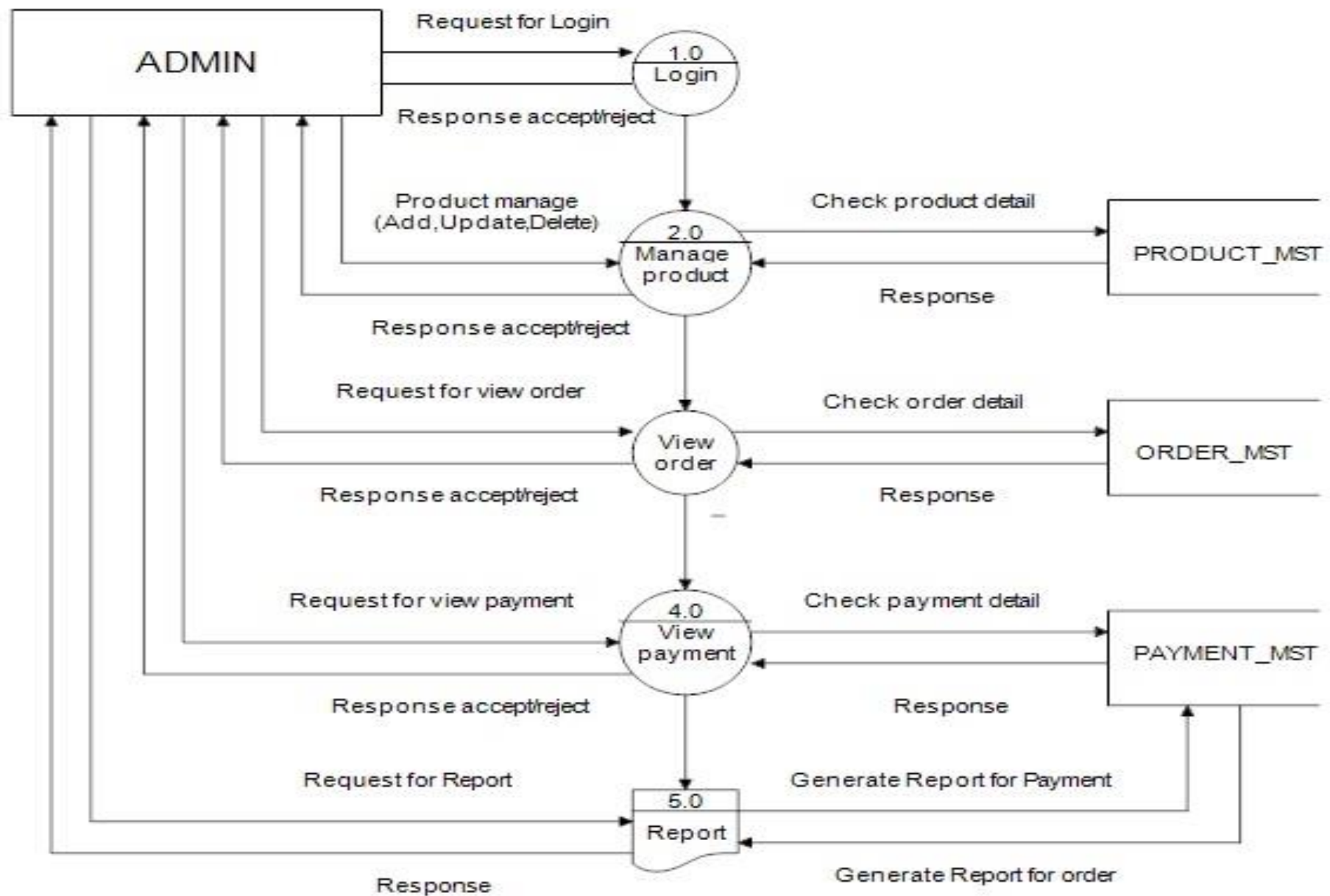
Notification Data: Flows between Notifications and Communication processes and the Notifications Database.

Search and Filter Data: Flows between Users, Search and Filtering, and the Snack Catalog Database.

Payment Data: Flows between Users, Payment Processing, and external payment systems.

Review and Feedback Data: Flows between Users, User Feedback and Reviews, and the Reviews and Feedback Database.

Support Request Data: Flows between Users and User Support.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customers	User Account Management	USN-1	As a customer, I want to be able to create a user profile with my name, contact information, and address so that I can place food orders and have them delivered to the correct location.	Successfully created a user profile with name, contact information, and address.	High	Sprint 1
Customers	Ordering	USN-2	As a customer, I want to add items to my cart, review my order, specify any special instructions, and place the order for delivery or pickup.	Able to add items to the cart, review order, and place the order.	High	Sprint 1
Restaurants	Menu Management	USN-3	As a restaurant, I want to create and manage my menu, including adding, updating, and removing items, to keep it up-to-date for customers.	Successfully added, updated, or removed menu items.	High	Sprint 2
Customers	Payment	USN-4	As a customer, I want to pay for my order online through various payment methods, including credit card, PayPal, or digital wallets.	Successfully made a payment using various payment methods	High	Sprint 3
Delivery Personnel	Order Delivery	USN-5	As a delivery person, I want to receive order details, navigate to the customer's location, and mark the order as delivered upon completion.	Successfully received order details and marked orders as delivered.	High	Sprint 3
Customers	Order History	USN-6	As a customer, I want to view my order history, including past orders and their statuses, for reference and reordering.	Able to view order history and reorder from it.	medium	Sprint 4
Customers	Ratings and Reviews	USN-7	As a customer, I want to provide ratings and reviews for the food I've ordered to help other customers make informed decisions.	Able to provide ratings and reviews for food items.	medium	Sprint 4
Administrators	Admin Dashboard	USN-8	As an administrator, I want access to an admin dashboard to manage user accounts, resolve disputes, and oversee the app's functionality and security.	Successfully accessed and performed administrative tasks through the admin dashboard.	high	Sprint 5

Administrators	Testing & quality assurance	USN-8	conduct thorough testing of the model and web interface to identify and report any issues or bugs. fine-tune the model hyperparameters and optimize its performance based on user feedback and testing results.	we could create web application	medium	Sprint 5
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