

Requirement Gathering and Analysis Phase Data Flow Diagram & User Stories

Date	6 th July, 2024
Team ID	SWTID1720126010
Project Name	Project – SBFoods – Food Delivery
Maximum Marks	

To adapt the provided document for a food delivery app, you can make several changes to tailor the data flow diagrams and user stories to the specific requirements of your application. Here are some suggestions:

Data Flow Diagrams

1. **DFD Level 0 (Context Diagram):**
 - Depict major entities such as Customers (Mobile/Web users), Restaurants, Delivery Personnel, and the System.
 - Show data flows like orders, payments, and notifications.
2. **DFD Level 1 (Detailed Diagram):**
 - Break down into processes like User Registration, Menu Browsing, Order Placement, Payment Processing, Order Tracking, and Delivery Confirmation.
 - Show data stores such as User Database, Restaurant Menu Database, Order Database, and Payment Information Database.

User Stories

Revise user stories to cover the functionality of the food delivery app. Here's how the user stories section could look:

Customer Stories (Mobile) :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account/dashboard	High	Sprint-1
Customer (Mobile user)	Registration	USN-2	As a user, I will receive a confirmation email once I have registered for the application.	I can receive a confirmation email & click confirm	High	Sprint-1
Customer (Mobile user)	Registration	USN-3	As a user, I can register for the application through Facebook.	I can register & access the dashboard with Facebook Login	Low	Sprint-2
Customer (Mobile user)	Payment Processing	USN-9	As a user, I can make a payment using a credit card, debit card, or other payment methods.	I can complete the payment and receive a confirmation	High	Sprint-3
Customer (Mobile user)	Order Tracking	USN-10	As a user, I can track my order in real-time until it is delivered.	I can see the status and estimated delivery time of my order	High	Sprint-4
Customer (Mobile user)	Rating and Review	USN-11	As a user, I can rate and review the restaurant and delivery service after receiving my order.	I can submit a rating and review that is visible to other users	Medium	Sprint-4

Customer (Web user)

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web user)	Registration	USN-12	As a web user, I can register for the application by entering my email, password, and confirming my password.	I can access my account/dashboard	High	Sprint-1
Customer (Web user)	Login	USN-13	As a web user, I can log into the application by entering email & password.	I can access my account/dashboard	High	Sprint-1
Customer (Web user)	Browsing Restaurants	USN-14	As a web user, I can browse a list of nearby restaurants.	I can see a list of restaurants based on my location	High	Sprint-2

Customer Care Executive

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer Care Executive	Order Management	USN-20	As a customer care executive, I can view and manage customer orders.	I can access a list of orders and update their status	High	Sprint-3
Customer Care Executive	Customer Support	USN-21	As a customer care executive, I can assist customers with their queries and issues.	I can respond to customer inquiries and resolve issues	High	Sprint-2