

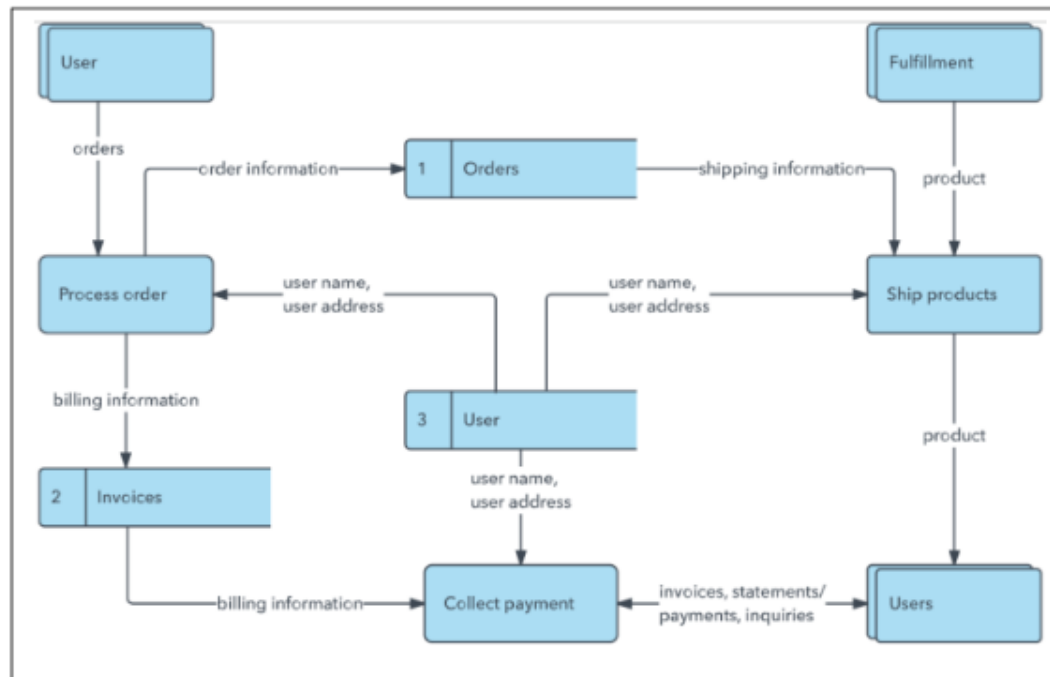
Project Design Phase-II

Data Flow Diagram & User Stories

Date	22 October 2023
Team ID	592835
Project Name	Restaurant Recommendation System
Maximum Marks	5 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.



User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer	Registration	USN-1	As a customer, I want to be able to create an account on the system by providing my name, email address, and password, so that I can access the system's features and functionality.	The system must allow the customer to create an account by providing their name, email address, and password.	High	Sprint 1
Customer	Login	USN-2	As a customer, I want to be able to log in to the application using my email and password.	The system must allow the customer to log in and access the dashboard	High	Sprint 1
Customer	Restaurant Recommendation	USN-3	As a customer, I want to be able to provide my preferences and dietary restrictions to the system, so that it can recommend restaurants that I am likely to enjoy.	The system must be able to rank the restaurant recommendations in order of relevance to the customer.	High	Sprint 2
Customer	Restaurant Recommendation	USN-4	As a customer, I want to be able to view the details of a restaurant recommendation, including its cuisine, price range, location, and reviews from other customers.	The system must be able to display the details of a restaurant recommendation, including its cuisine, price range, location, and reviews from other customers.	High	Sprint 2
Customer	Feedback	USN-5	As a customer, I want to be able to provide feedback on the restaurant recommendations that the system generates.	The system must allow the customer to provide feedback on the restaurant	Medium	Sprint 3

				recommendations that it generates.		
Restaurant Owner	Registration	USN-6	As a restaurant owner, I want to be able to create and manage my restaurant's profile in the system, including its name, address, cuisine, price range, and hours of operation.	The system must allow the restaurant owner to provide information about their restaurant's cuisine, price range, hours of operation, and other relevant details.	High	Sprint 1
Restaurant Owner	Restaurant Management	USN-7	As a restaurant owner, I want to be able to view customer reviews of my restaurant and respond to them.	The system must allow the restaurant owner to respond to customer reviews.	Medium	Sprint 3
Customer	Logout	USN-8	As a customer, I want to be able to log out of the system, so that I can protect my account and prevent others from accessing it.	When the customer logs out, the system must destroy their session and prevent them from accessing the system's features and functionality.	Medium	Sprint 4