

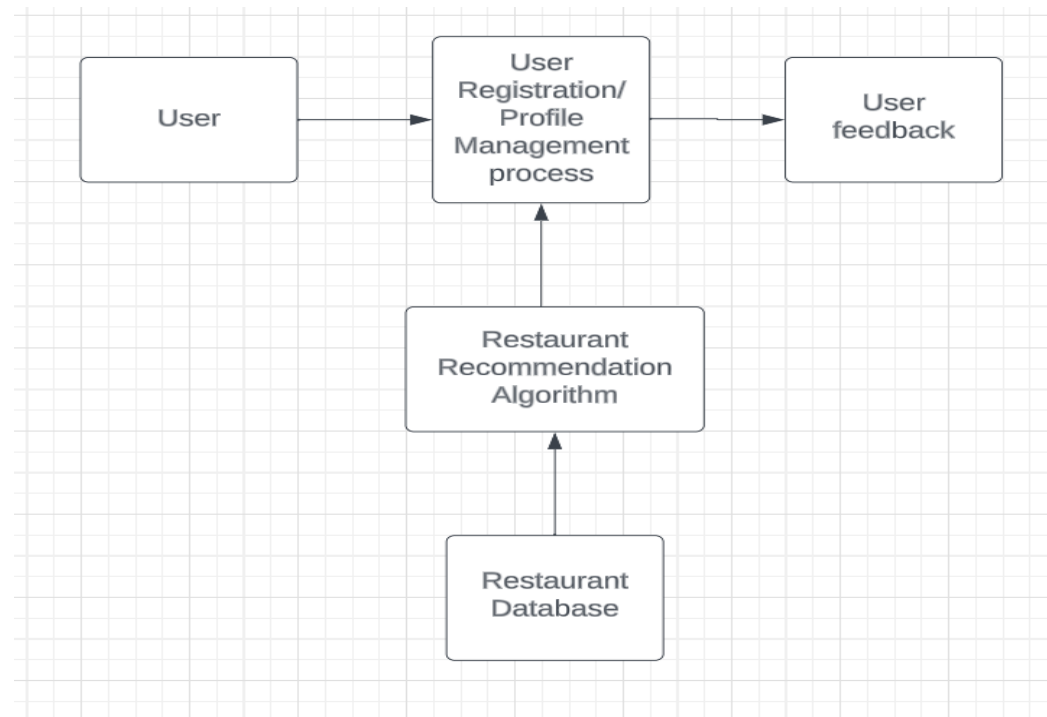
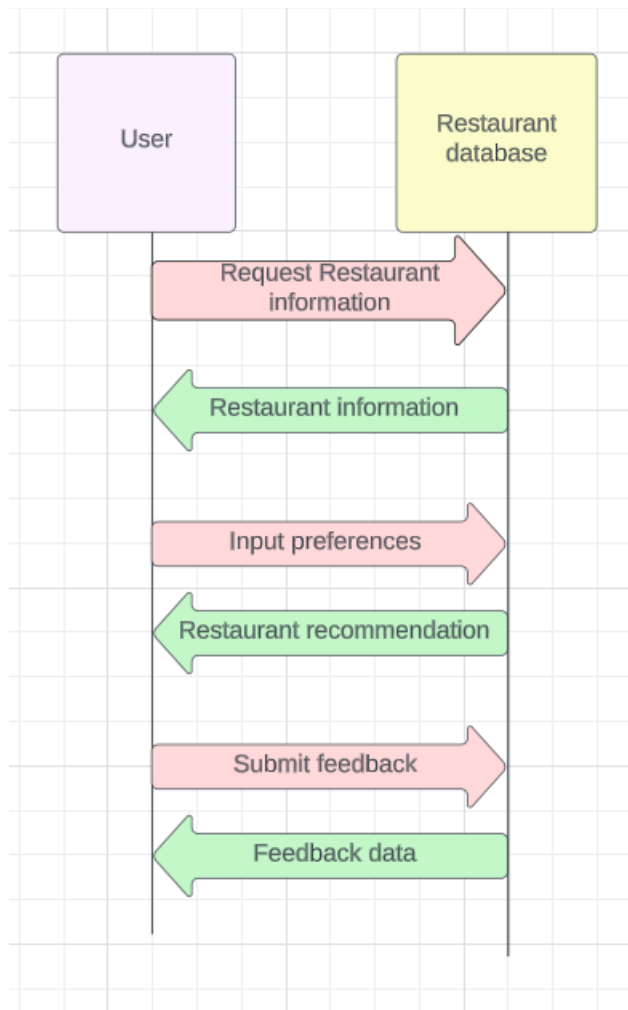
Project Design Phase-II
Data Flow Diagram & User Stories

Date	26 October 2023
Team ID	Team-592691
Project Name	Project – Restaurant Recommendation System
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) for a restaurant recommendation system is a visual representation that outlines how data is processed and moves through the system. It typically includes external entities like users and databases, processes such as user profile management, recommendation algorithms, and feedback processing, and data stores for storing user profiles, restaurant information, and feedback data. Data flows depict the transfer of information between these elements, like user preferences feeding into the recommendation algorithm and the algorithm providing restaurant recommendations to users. DFDs help in understanding the system's data flow, highlighting key components, and identifying how data is transformed and utilized to offer personalized restaurant recommendations.

Example: DFD Level 0 (Industry Standard)



User Stories

Below template lists 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)	Recommendations	USN-1	As a user, I want to browse and search for restaurants based on location, cuisine, price range, and user ratings, to discover new dining options.	I can browse and search based on location, cuisine, price, rating, etc.	High	Sprint-1
		USN-2	As a user, I want to specify my dining preferences, such as cuisine, dietary restrictions, and preferred location, so that the system can provide personalized restaurant recommendations.	I can specify my dining preferences.	High	Sprint-1
		USN-3	As a user, I want the system to learn from my feedback and past restaurant choices to improve the relevance of future recommendations.	I can learn from past feedbacks and choices.	Low	Sprint-2
Restaurant owner	Dashboard	USN-4	As a restaurant owner, I want to add my restaurant's information, including menus, photos, and special offers, to attract potential customers.	I can add restaurant's information.	Low	Sprint-2
		USN-5	As a restaurant owner, I want to respond to user reviews and feedback to maintain a positive online presence.	I can respond to user reviews.	Low	Sprint-2