

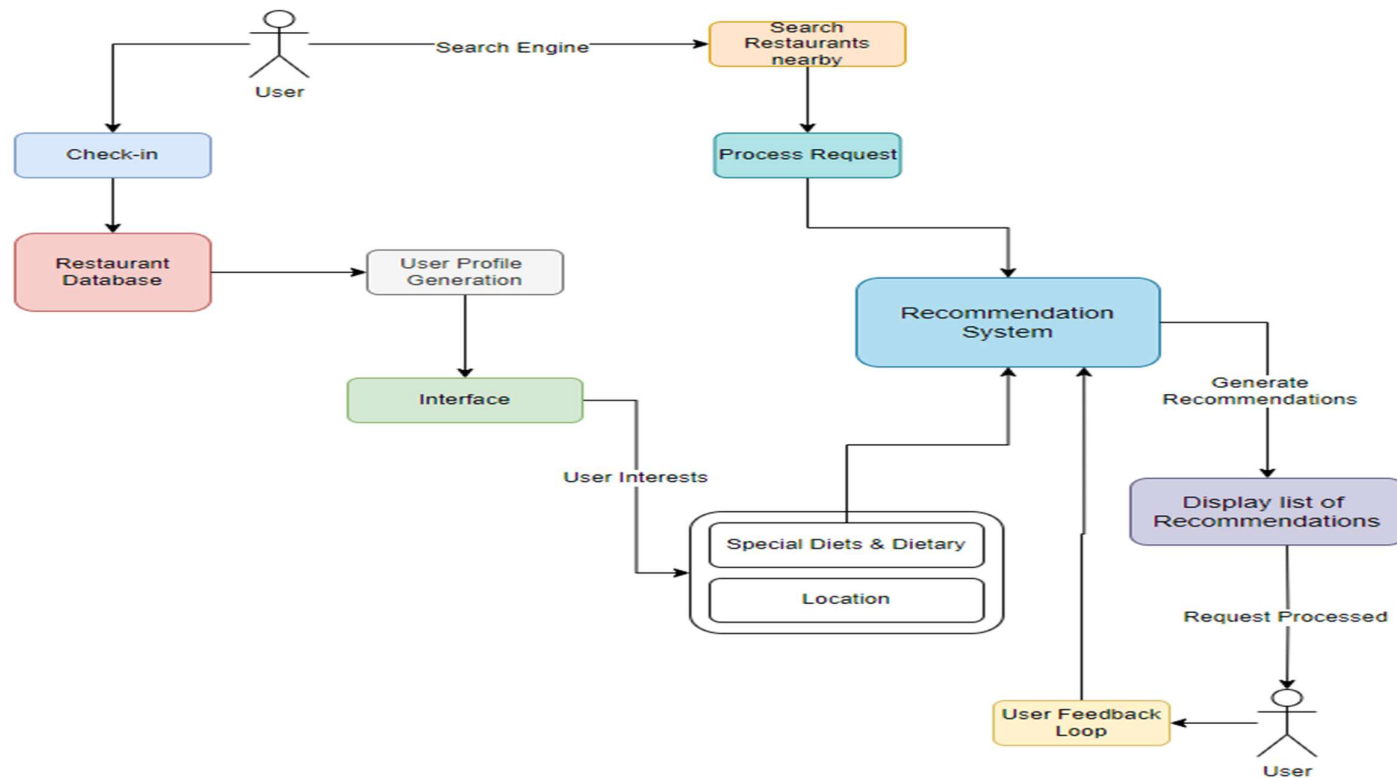
Restaurant Recommendation System

Project Design Phase-II Data Flow Diagram & User Stories

Date	12 November 2023
Team ID	Team-592864
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.



Restaurant Recommendation System

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
User/Consumer	User profile creation	US001	As a user, I want to create a profile to receive personalized restaurant recommendations.	Users can create a profile with basic information. The system should store and update profiles accurately.	High	1.0
User/Consumer	Real-time Recommendations	US002	As a user, I want to receive real-time restaurant recommendations based on my location and preferences.	The system recommends nearby restaurants based on user location and preferences. Recommendations are dynamically updated based on contextual factors.	High	1.0
Business Owner/Restaurant	Login	US003	As a restaurant owner, I want to register my restaurant and manage its profile on the recommendation system.	Restaurants can register with essential details. Owners can manage and update restaurant profiles, including menu and promotions.	High	1.0
Business Owner/Restaurant	Dashboard	US004	As a restaurant owner, I want to promote my restaurant by purchasing a prominent listing in user recommendations.	Owners can pay for promoted listings, gaining increased visibility in the recommendation feed. Promoted listings are clearly labeled to users.	Medium	1.1
Consumer/User	Culinary Challenges	US005	As a user, I want to participate in culinary challenges to explore new cuisines and earn rewards.	Users can join culinary challenges, receive rewards for trying new cuisines, and see progress updates. Challenges are engaging and diverse.	Medium	1.1