

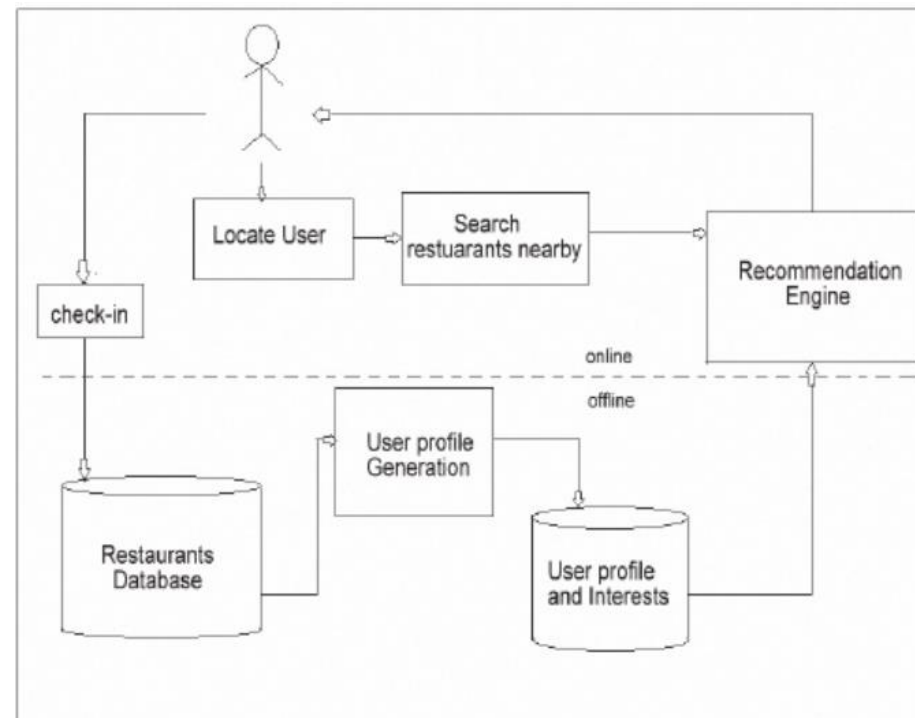
Project Design Phase-II

Data Flow Diagram & User Stories

Date	19 November 2023
Team ID	Team-593004
Project Name	Restaurant Recommendation System
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.



User Stories

User Type	Functional Requirement	User Story	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register 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.	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Mobile user)	Registration	USN-4	As a user, I can register for the application through Gmail.	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
Customer (Mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password.	I can login into the application & access the dashboard	High	Sprint-1
Customer (Mobile user)	Restaurant Recommendation	USN-6	As a user, I can get recommendations for restaurants based on my location, preferences, and past ratings.	I can see a list of recommended restaurants with their ratings, reviews, and distance from my location	High	Sprint-1
Administrator	Manage user accounts	ADM-1	As an administrator, I can create, edit, and delete user accounts for customer care executives.	I can access user management interface, create new user accounts, edit existing user profiles, and delete user accounts	High	Sprint-1
Administrator	Manage customer feedback	ADM-2	As an administrator, I can collect, analyze, and report on customer feedback to identify trends and improve customer satisfaction.	I can access customer feedback database, categorize feedback, generate reports, and share insights with relevant teams	High	Sprint-2

	training, model deployment & integration	USN-7	deploy the model as an API or web service to make it accessible the model's API into a user-friendly web interface for users.	we could do testing	medium	Sprint-3
	Testing and 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-4