

Project Design Phase-II

Data Flow Diagram & User Stories

Date	20 November 2023
Team ID	Team-592784
Project Name	Project – 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.

Data flow:

1. User Sets Preferences and Starts the App:

- The user configures personal preferences within the restaurant recommendation app.
- The user initiates the app.

2. User Provides Input (Selects Cuisine Preferences):

- User selects cuisine preferences to personalize recommendations.

3. Data Input (User Preferences):

- The selected cuisine preferences are used as input for the recommendation system.

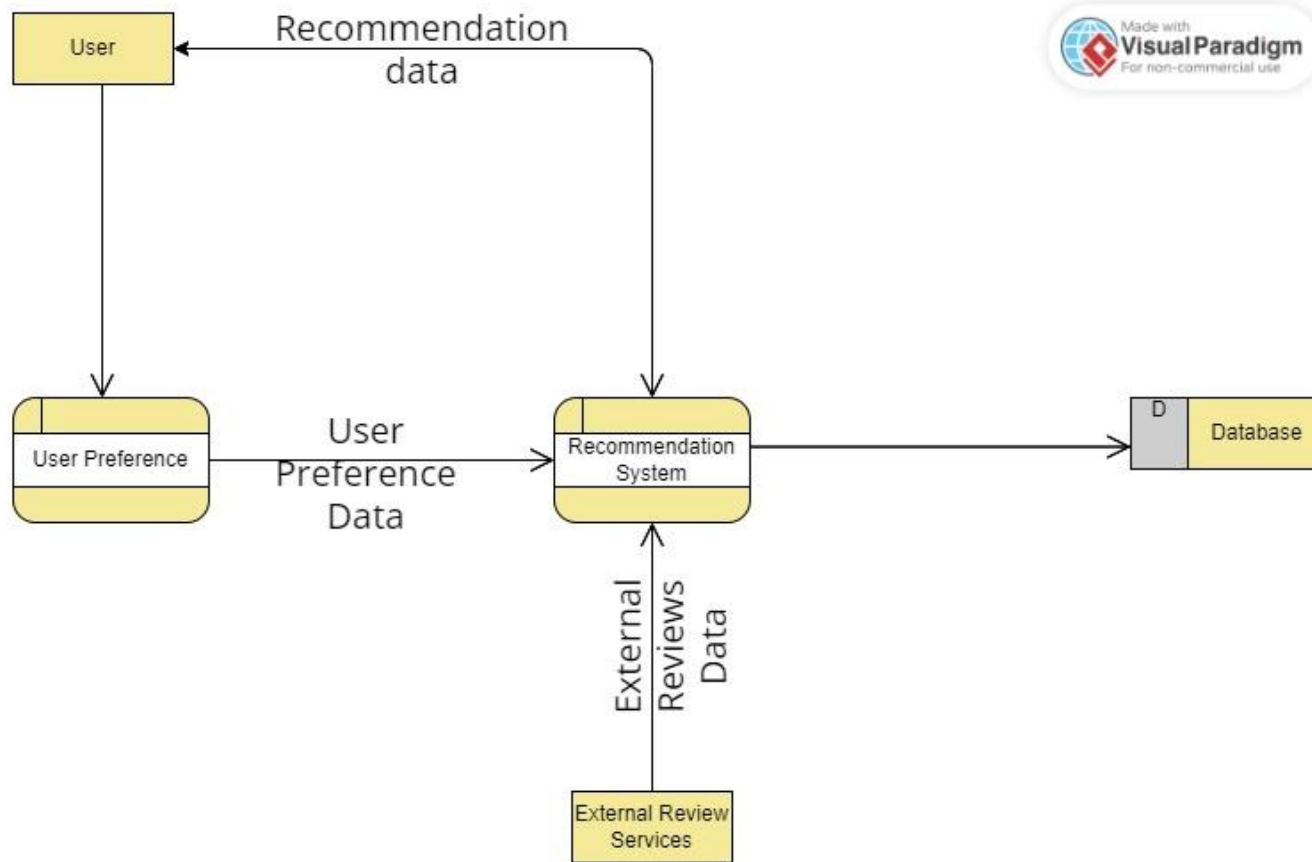
4. Recommendation Engine Processes User Preferences:

- The recommendation engine processes user preferences and generates personalized restaurant suggestions.

5. Enriched Recommendations Displayed in the App:

- The enriched restaurant recommendations, based on user preferences, are displayed within the app interface.

Data Flow Diagram:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Regular User	Personalized Recommendations	USN-1	As a regular user, I want personalized recommendations when I use the app.	<ol style="list-style-type: none">1. User receives restaurant recommendations based on preferences.2. Recommendations include user's preferred cuisine types.3. User can easily view details and reviews for recommended places.	High	v1.0
New User	Onboarding Experience	USN-2	As a new user, I want a seamless onboarding experience to get started with the app.	<ol style="list-style-type: none">1. User can easily sign up using email or social media accounts.2. User is prompted to set initial preferences during onboarding.3. Clear instructions and tooltips guide the user through the process.	Medium	v1.0
Premium User	Exclusive Features	USN-3	As a premium user, I want exclusive features and benefits to enhance my experience.	<ol style="list-style-type: none">1. Premium users have access to a wider range	Low	v1.1

				<div>of restaurant filters.</div> <div>2. Premium users receive priority access to newly added restaurants.</div> <div>3. Premium users can bookmark and share personalized lists of favorite restaurants.</div>		
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