

## Project Design Phase-II

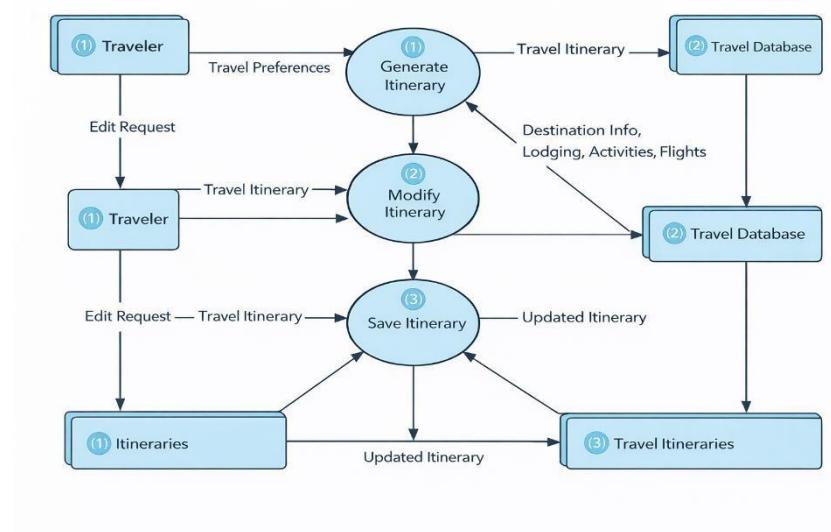
### Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	LTVIP2026TMIDS79861
Project Name	Explore with AI: Custom Itineraries for Your Next Journey
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.

#### Example: Explore with AI: Custom Itinerary Generator – Data Flow Diagram



1. Traveler enters travel details like destination, dates, and preferences.
2. System uses this information and gets data from the travel database.
3. System generates a travel itinerary for the traveler.
4. Traveler can request changes and the system modifies the itinerary.
5. Final itinerary is saved and can be used later by the traveler.

## User Stories

Use the below template to list 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 – Streamlit)	Enter Travel Inputs	USN-1	As a user, I can enter travel details like destination, days, and nights.	User can successfully entered travel details in input field in Streamlit.	High	Sprint-1
Customer (Web User – Streamlit)	Generate Itinerary using AI	USN-2	As a user, I can generate a travel itinerary using AI based on my inputs.	System generates itinerary when user clicks "Generate Itinerary".	High	Sprint-1
Customer (Web User – Streamlit)	Display Itinerary	USN-3	As a user, I can view the generated itinerary in the browser.	System displays itinerary clearly in structured format.	High	Sprint-1
Customer (Web User – Streamlit)	Modify Inputs and Regenerate	USN-4	As a user, I can change my travel inputs and regenerate a new itinerary.	System generates updated itinerary based on modified inputs.	Medium	Sprint-2