Project Design Phase-II
Data Flow Diagram & User Stories

Date	11 February 2026
Team ID	LTVIP2026TMIDS77372
Project Name	Explore with AI: Custom for Your Next Journey
Maximum Marks	4 Marks

Data Flow:
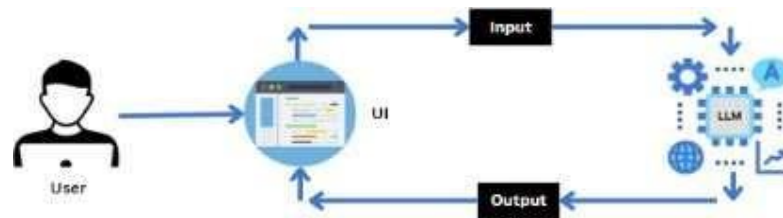
User Stories for Explore with AI

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web/Mobile)	Input Travel Details	USN-1	As a user, I can enter my travel destination.	I can input a destination and it is accepted by the system.	High	Sprint-1
Customer (Web/Mobile)	Input Travel Details	USN-2	As a user, I can enter my trip duration (days/nights).	I can input start/end dates or number of days and it is validated.	High	Sprint-1

Customer (Web/Mobile)	Input Travel Details	USN-3	As a user, I can select my travel preferences/interests.	I can select categories like sightseeing, adventure, food, or relaxation.	High	Sprint-1
Customer (Web/Mobile)	AI Itinerary Generation	USN-4	As a user, I can submit my travel inputs and receive a personalized itinerary.	AI generates a day-wise itinerary including attractions, dining, and tips.	High	Sprint-2
Customer (Web/Mobile)	Itinerary Review	USN-5	As a user, I can review the generated itinerary.	I can see each day's schedule clearly and verify details.	High	Sprint-2
Customer (Web/Mobile)	Itinerary Customization	USN-6	As a user, I can edit or adjust activities in my itinerary.	I can modify activities, timing, or remove items and see the changes reflected.	Medium	Sprint-3
Customer (Web/Mobile)	Itinerary Export	USN-7	As a user, I can export or copy the itinerary.	I can download as PDF or copy to clipboard for offline use.	Medium	Sprint-3
Customer (Web/Mobile)	Error Handling	USN-8	As a user, I receive error messages for invalid or empty inputs.	The system shows a friendly error message and prompts corrections.	High	Sprint-4
Customer (Web/Mobile)	Recommendations	USN-9	As a user, I can view optional AI-suggested attractions or hidden gems.	AI provides recommended spots based on destination and interests.	Low	Sprint-4