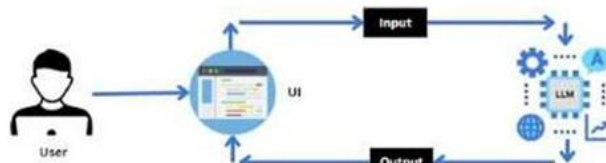


Project Design Phase-II  
Data flow diagram and user stories

|               |   |
|---------------|---|
| Date          | 11 Febuary 2026   |
| Team ID       | LTVIP2026TMIDS88106                                       |
| Project Name  | Explore with AI: Custom Itineraries for Your Next Journey |
| Maximum Marks | 4 Marks   |

Data flow diagram and user stories

**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) | 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 |