

Project Design Phase-II
DataFlow Diagram & User Stories

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| Date | 11 February 2026 |
| Team ID | LTVIP2026TMIDS91327 |
| Project Name | Explore with AI: Custom Itineraries for Your Next Journey |
| Maximum Marks | 4 Marks |

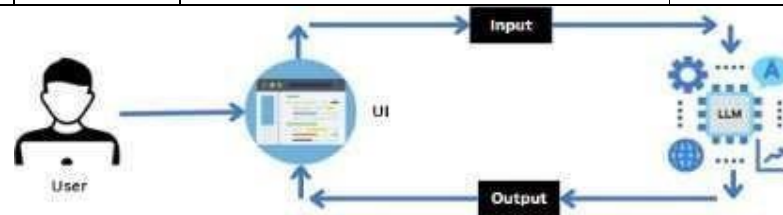
| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance Criteria | Priority | Release |
|-----------------------|-------------------------------|-------------------|---|---|----------|----------|
| Customer (Web/Mobile) | Input Travel Details | USN-1 | As a user, I can enter my travel destination. | I can input a destination and it is accepted by the system. | High | Sprint-1 |

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| 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 |
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Data Flow:

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| 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 |

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| 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 |
|--------------------------|----------------|-------|--|--|------|----------|



User Stories for Explore with AI

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| 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 |
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