

## Project Design Phase

### Solution Architecture

Date	18 January 2026
Team ID	LTVIP2026TMIDS91327
Project Name	explore with AI: Custom Itineraries for Your Next Journey
Maximum Marks	4 Marks

#### **Solution Architecture:**

Solution architecture is the process of designing and describing the structure of the system, its components, their relationships, and how they interact to solve business problems using technology.

This project, **Explore with AI: Custom Itineraries for Your Next Journey**, provides personalized travel itineraries using Artificial Intelligence. It helps users plan trips efficiently based on their preferences, budget, location, and time.

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The Explore with AI system provides an intelligent solution for travel planning. It uses AI to generate personalized travel itineraries, improving user experience and reducing manual effort. The architecture ensures scalability, efficiency, and flexibility.

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#### **Architecture:**

