

Project Design Phase
Problem – Solution Fit Template

Date	18 February 2026
Team ID	LTVIP2026TMIDS79519
Project Name	Travel Guide AI
Maximum Marks	2 Marks

Problem – Solution Fit Template:

Identified Problem

Manual travel planning is complex, time-consuming, and often overwhelming. Users must search across multiple platforms to gather information about attractions, food options, accommodations, and travel schedules. This scattered process reduces efficiency and increases planning stress.

Proposed Solution

To address this issue, an AI-based automated itinerary generator was developed. The system uses Generative AI to dynamically create personalized travel plans based on user inputs.

Fit Justification

The solution directly aligns with the identified problem by:

- Eliminating manual research efforts
- Providing instant, structured travel plans
- Personalizing recommendations based on user interests
- Reducing planning time significantly

Thus, the system effectively bridges the gap between traditional travel planning and intelligent automation.

Problem-Solution Fit Canvas – AI Travel Itinerary Generator

(Streamlit + Gemini API)

