

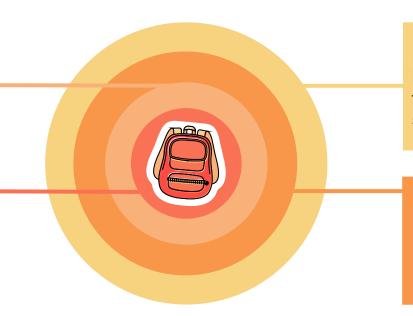




Problem Statement

Creating an itinerary for a trip is tedious and time consuming.

Absence of a dedicated travel focused virtual assistant, for answering queries on the go.

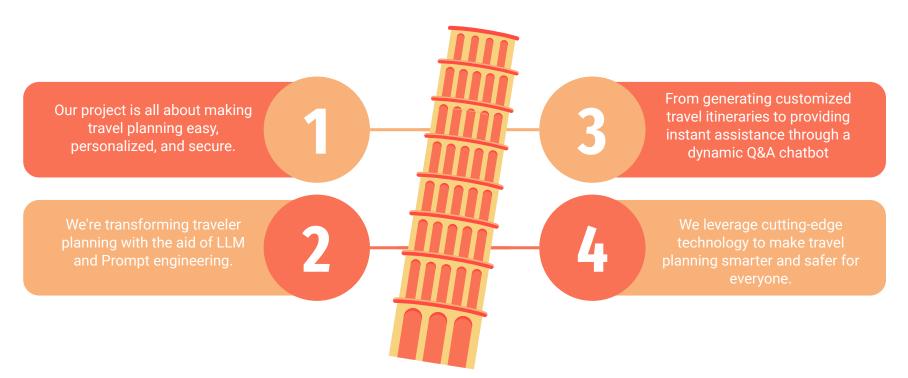


Planning a trip involves a lot of research with no tools to efficiently streamline it.

Lack of transparency in user data utilization by competitor tools and applications.



Project Overview





Travel Itinerary









01

TRAVEL

I feel like travelling at the moment 02

TOURISM

I want to tour around and explore 03

PLACES

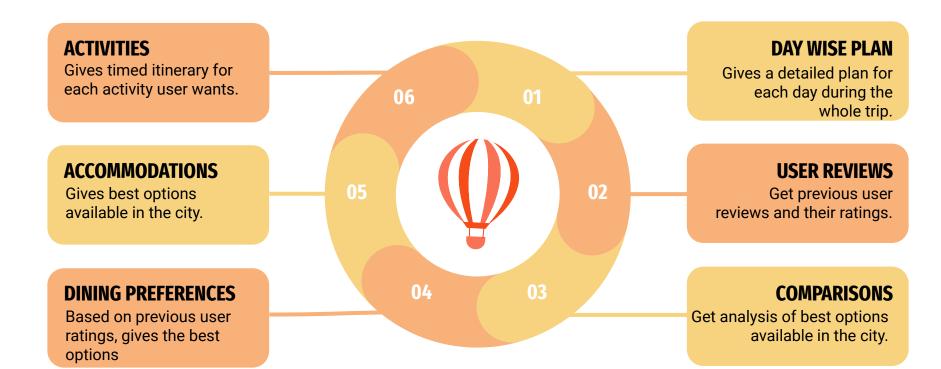
I feel like visiting these places 04

THRIFT

I would like to plan the trip resourcefully



Features





Benefits



Time management

Eliminates manual planning by giving a Al generated itinerary



UI/UX

Experience the taste of personalized recommendations



Efficiency

Tailored recommendations based on user profile



GenAl

1

2

Personalized Itinerary Generation

Understanding User Preferences:

LLMs analyze user inputs such as travel dates, destinations, and personal interests to understand individual preferences.

Generating Custom Itineraries:

Based on the analyzed data, LLMs craft detailed, personalized travel itineraries, suggesting accommodations, activities, and dining options that align with user preferences.

Prompt Engineering

Sequential Prompting:

Use a series of structured prompts to guide the LLM through generating a step-by-step itinerary that logically progresses from one activity to the next.

Privacy-focused Prompts:

Craft prompts that explicitly instruct the LLM to ignore or anonymize personal user data, emphasizing user privacy and data protection.



Workflow

Drafting a day-by-day itinerary with required details

Prompt Engineering

Finalized itinerary with up to date information

Generate PDF



User Input

Travel Dates, Destinations, and Preferences **ChatGPT Processing**

User can review the itinerary and customize it accordingly (optional)

Output

Final pdf can be downloaded or is sent it via email





Tech Stack

Frontend	Tailwind CSS
Backend	Python - Flask
АРІ	OpenAl API
Sponsors	Postman, Auth0





Future Scope

Considering user reviews:

Without collecting or storing the previous user data, the generated response can use this data to take it as a sample template and use it to generate the new response.

Reviewing with privacy:

This does not store the session details in any way, just the response to the prompt is stored ensuring digital anonymity.

Tie-ups with Public Transit:

We can always have tie-ups with the public transit like IRCTC to leverage the tourism in the country with much hassle free experience.







Happy travelling

GenAl-Powered Travel Itinerary Generator