

The background features a dark teal gradient. On the left side, there are several overlapping geometric shapes: a large teal arrow pointing right, and several parallel diagonal lines in various shades of blue and teal. The text 'AI Travel Planner' is centered in a light teal color.

AI Travel Planner

Team Name : Alistics

Team Details

1. Mr Irtaza Zafar (Team Leader and A Software developer)
2. Mr Ghazanfar Ali(Software Developer)
3. Mr Hanif(AI Engineer)
4. Mr Azhan Khan (Team Manager,Presentation Maker)
5. Mr Asad (Technical Documenter)
6. Miss Amna Sahabat (Web Designer)

Idea Approach/Details

- Our Hackathon project revolves around revolutionizing travel planning through personalized recommendations tailored to User/individual preferences.
- Users provide their travel preferences, budget constraints, and desired destinations through an intuitive interface.
- The User Inputted Parameters is being processed by Google Generative AI (Gemini).
- It generates personalized travel itineraries that include attractions, restaurants, and activities perfectly aligned the user's preferences and budget.
- User Parameters includes details such as the source ,destination travel start date, budget, and duration of the trip.

Tech Stacks Used :



Features

- 1) Tailored Itinerary creation
- 2) Budget conscious planning
- 3) Travel checklist

Use Cases:

- This app creates a customized schedule based in any language that includes suggestions for historical locations, restaurants that provide vegetarian food ,and things to do
- This app creates an economic schedules by suggesting free attractions, street food markets and inexpensive lodging.
- One plans his/her trip to Bali using the Travel Planner app. They utilizes the Travel Checklist feature to organize and pack efficiently, making sure One doesn't forget any essential items for a smooth travel experience.

Constraints :

The Initial plan was to incorporate real-time data , of weather forecast ,Local events flight details. But Gemini models API don't have capabilities to retrieve web documents online. They don't have google search plugins in their API.

Tackling :

Common possible improvements for that is incorporating RAG and web documents plugins. we can further improve the solution in the next hackathon (Advanced RAG hackathon in April)

Future Aspect/ Business prospect

In future iterations, the Travel Planner app aims to expand its functionality and partnerships to enhance the user experience and provide additional value through :

Integration with Social Media Platform : Allow users to plan trips with friends and family in real time, right inside the app.

Sharing Features: Post trip ideas, suggestions, and customized itineraries on social media.

Engagement Opportunities: To improve social sharing and networking, encourage users to link their social media profiles to the app.



Future aspect/ Business prospect

Exclusive Deals and Discounts: Establish alliances with nearby establishments, such as eateries, tourist destinations, and lodging, to provide app users with exclusive offers and savings.

Particularized Suggestions: Customize special offers and suggestions from partner companies based on user interests and prior travel experience.

Promotional Campaigns: To encourage user involvement and loyalty, start running promotional campaigns that showcase partner companies and products





Thank You!