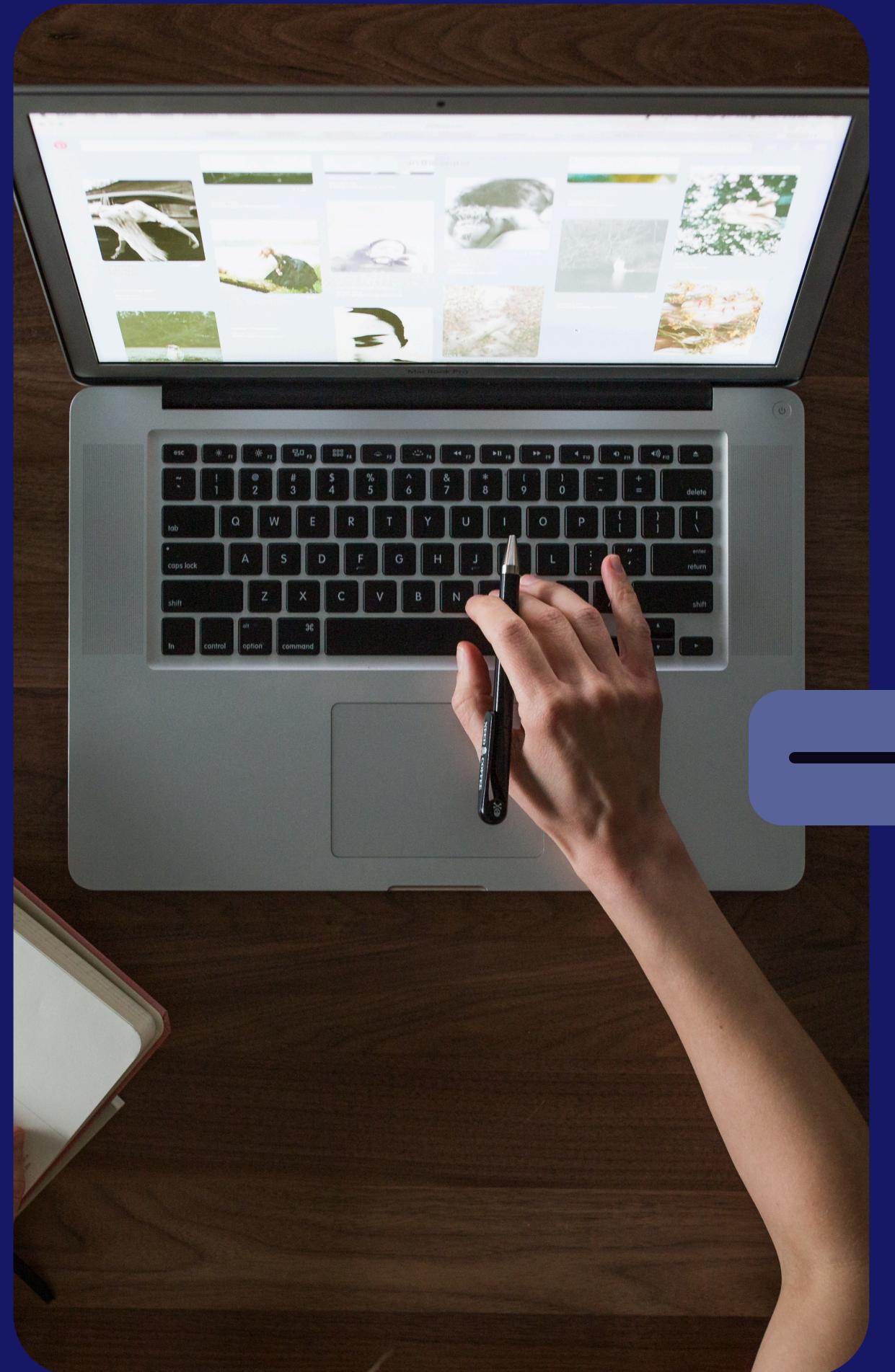


GenAI Travel Planner Chatbot

Plan Your Journey Easily

ULEFUSA - APTECH Generative AI
Hackathon





Meet Your Travel Planner

Introducing our expert travel planner today!

Experience and passion for travel

About

The AI Travel Planner Chatbot is designed to revolutionize the way users plan their travels by leveraging the power of Generative AI. Using Google's Gemini AI model & LangChain, this chatbot offers personalized travel itineraries based on user input regarding their destination, budget, interests, and travel duration.

Problem Statement

Current Challenges in Travel Planning:

- Time-consuming and often overwhelming.
- Lack of personalization in traditional travel planning methods.
- Difficulty in managing dynamic preferences and needs of travelers.

Smart AI Travel Planner

- Introduction to AI Travel Planner Chatbot:
 - Utilizes Google Generative AI and LangChain libraries.
 - Advanced NLP techniques for understanding and processing user queries.
- How It Works:
 - Input: User provides destination, budget, interests, and duration.
 - Process: Chatbot generates personalized itinerary using AI.
 - Output: User receives a tailored travel plan



AI Travel Planner Benefits



Personalized trip suggestions

Customized based on user preferences.



Seamless booking process

Effortless integration with travel providers.



Real-time updates

Live information for a smooth journey.

Smart AI Travel Assistant

→ **Personalized travel recommendations**

Receive tailored suggestions based on preferences.

→ **Real-time travel updates**

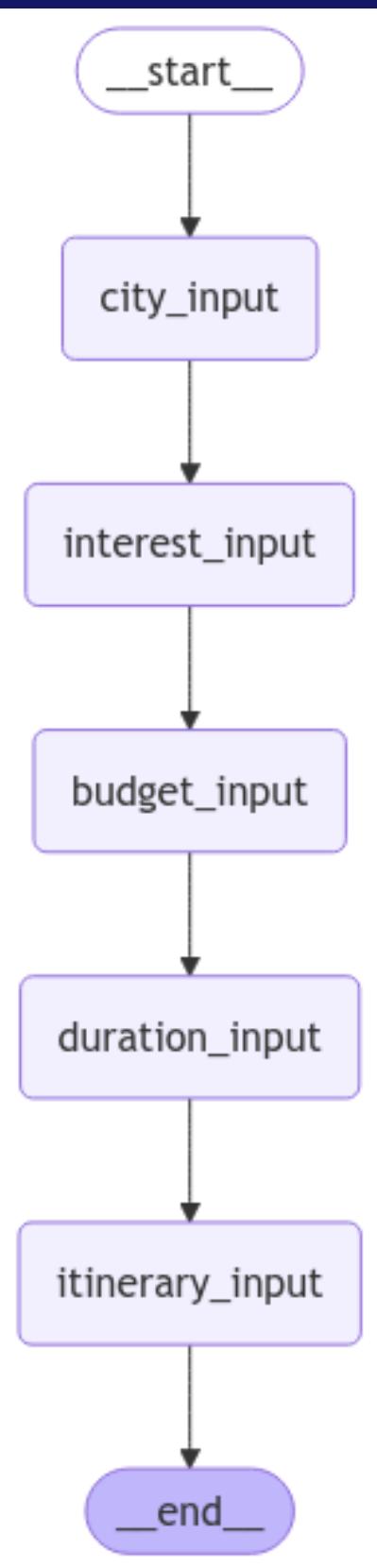
Stay informed with **instant notifications** on changes.

→ **Intuitive itinerary planning**

Easily organize trips with user-friendly tools.

→ **Seamless booking process**

Quickly secure reservations with **one-click options**.



AI Travel Planner Workflow

OUTPUT

```
Enter city name rawalpindi
Enter interest of your trip food
Enter your budget with currency 1000rs
Enter the duration of your trip 2 days
```

Personalized Rawalpindi Trip Itinerary:

Budget: 1000rs

Duration: 2 days

Location: Rawalpindi, Pakistan

Interests: Food

Day 1:

- **Morning:** Start your day with a hearty breakfast at "**The Monal**", a popular restaurant offering stunning views of the city. Enjoy their traditional Pakistani dishes like Halwa Puri, Nihari, and Qeema. (Budget: 300rs)
- **Afternoon:** Take a stroll through **Jinnah Park**, a beautiful green space in the heart of Rawalpindi. Enjoy the fresh air and admire the well-maintained gardens. (Budget: Free)
- **Evening:** Explore the vibrant **Raja Bazaar** area, famous for its street food. Sample delicious snacks like "**Dahi Bhalay**", "**Chaat**", and "**Samosas**" from various vendors. (Budget: 200rs)
- **Dinner:** Head to "**Butt Karahi**" in Saddar for a taste of authentic Pakistani cuisine. Indulge in their famous Karahi dishes with naan bread. (Budget: 200rs)

Day 2:

- **Morning:** Visit the historical **Tomb of Shah Abdul Latif**, a beautiful architectural marvel and a place of religious significance. (Budget: Free)
- **Afternoon:** Explore the **Rawalpindi Museum**, showcasing the rich history and culture of the city. Learn about the region's heritage through various artifacts and exhibits. (Budget: 100rs)
- **Evening:** Enjoy a farewell dinner at "**The Food Street**", a popular street food hub offering a wide variety of cuisines. Try some street food favorites like "**Aloo Tikki**", "**Gol Gappay**", and "**Falooda**". (Budget: 200rs)

Notes:

- This itinerary is a suggestion and can be customized based on your interests and preferences.
- You can adjust the budget allocation for different activities as per your needs.
- Public transport in Rawalpindi is affordable and easily accessible.
- Be sure to bargain at local markets and street food vendors.
- Enjoy your culinary adventure in Rawalpindi!



Broader Impact

- Impact on Business:
 - Helps travel agencies offer customized services.
 - Increases customer satisfaction and engagement.
- Impact on Society:
 - Makes travel more accessible.
 - Promotes cultural exchange and



Future Enhancements

- Addition of multi-language support.
- Integration with real-time data sources for live updates on weather, traffic, etc.

Safe travels!



Team

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Thank you all!

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