

Interfacing with Pre-trained Model Phase:

Date	11 February 2026
Team ID	LTVIP2026TMIDS26163
Project Name	Explore with AI: Custom Itineraries for Your Next Journey
Maximum Marks	3 Marks

Create a function to generate travel guide:

- The generate_itinerary function is designed to create a travel itinerary based on the user's specified destination, number of days, and nights.
- The function takes three parameters: destination (the travel location), days (the number of days for the trip), and nights (the number of nights to stay).
- It starts a chat session with the AI model using the provided details, initializing the session with a user message that specifies the request for a travel itinerary.
- The function sends a detailed message to the chat session to generate the travel itinerary, then retrieves and returns the generated content as text.

• The function responsible for generating the travel guide works by initiating a chat session with the pre-trained generative AI model. It begins by providing the model with context in the form of a user request that includes the destination, number of days, and number of

nights for the trip. This helps the model understand the travel requirements before generating a response. After setting up the session, the function sends a detailed message asking the model to create a complete travel itinerary based on the provided details. The model then processes this request and returns a structured travel plan, which the function captures and returns as text to be displayed in the application.

Screenshot:

```
# Start a new chat session with the model
chat_session = model.start_chat(
    history=[
        {
            "role": "user",
            "parts": [
                f"write me a travel itinerary to {destination} for {days} days and {nights} nights",
            ],
        },
    ],
)

# Send a message to the chat session and get the response
response = chat_session.send_message(f"Create a detailed travel itinerary for {days} days and {nights} nights in {destination}.")

# Return the generated itinerary
return response.text
```

