

Initializing the Model Phase

Date	5 February 2026
Team ID	LTVIP2026TMIDS26163
Project Name	Explore with AI: Custom Itineraries for Your Next Journey
Maximum Marks	3 Marks

Generate PALM API:

Generating the PALM (Gemini) API Key is an important step to enable AI functionality in the project. This process allows the application to communicate with Google’s Generative AI models to generate intelligent responses such as personalized travel itineraries. By visiting the Google AI Studio website and creating an API key, users obtain a secure access token that connects their application to the Gemini model. This key must be kept confidential and added to the project configuration so the system can send prompts and receive AI-generated outputs in real time.

Click on the link (<https://developers.generativeai.google/>).

Then click on “Get API key in Google AI Studio”.

Click on “Get API key” from the right navigation menu.

Now click on “Create API key”. (Refer the below images)

Copy the API key.

Screenshot:

The screenshot shows a web browser window with several tabs open at the top. The active tab is titled "API keys | Google AI Studio". A notification bar at the top says "We have updated our Terms of Service" with a "Dismiss" button. Below the header, there are buttons for "API quickstart" and "Create API key".

The main content area is titled "API Keys". It has a table with the following columns: "Key", "Project", "Created on", and "Quota tier". There are two rows of data:

Key	Project	Created on	Quota tier
...crUg Gemini API Key	GENAI gen-lang-client-0953522749	Feb 6, 2026	Set up billing Free tier
...Ykbo Generative Language API Key	genai project gen-lang-client-0816016663	Dec 30, 2025	Set up billing Free tier

Below the table, there are buttons for "Group by API key" and "Project", and a "Filter by All projects" dropdown.