

Initial Project initialization

Date	13 july 2024
Team ID	SWTID1720078627
Project Name	BugBuster-Automated-Code-Debugging-Tool-Using-Palm-s-Chat-Baison-001
Maximum Marks	4 Marks

Import necessary files

```
import streamlit as st
import google.generativeai as palm
```

- Streamlit, a popular Python library, is imported as **st**, enabling the creation of user interfaces directly within the Python script.
- Importing the palm module: This line imports the palm module from the google.generativeai package.

Configuration of the PALM API with the API key and initialize translator

```
# Configure the API with your API key
palm.configure(api key="AIzaSyBv_2Br0SYxHDxuC-u7FM4fKCwqbE14")
```

- Configuring the API key: The configure function is used to set up or configure the Google API with an API key. The provided API key, in this case, is "AlzaSyBv_2Br0SYxHDxuC-u7FM4fKCwqXXXXXX".
- The Translator class facilitates language translation capabilities within the application.

Define the model to be used

```
# Define the model to use
model_name = "models/chat-bison-001"
```

- The line `model_name = "models/chat-bison-001"` sets the variable `model_name` to the string `"models/chat-bison-001"`, which identifies a specific model provided by Google's PaLM (Pathways Language Model) API.
- This variable is used in subsequent API calls to specify which model to use for generating responses based on user prompts.

