**Database Project (Fall 2023)**

**Homework #9 (50pts, Due date: Nov 29)**

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**Instruction:** In this homework, we provide a jupyter notebook file (DBP\_Homework9.ipynb). You should follow the instructions in these documents. Only the provided code's ‘*EDIT HERE*’ sections must be edited. You must *DELETE* your *GOOGLE\_API\_KEY* before submitting.

**Submission Guide:** Submit two files as follows:

-DBP\_Homwork9\_StudentID.zip

- DBP\_Homwork9\_StudentID.ipynb

- DBP\_Homwork9\_StudentID.pdf

**1. [20pts]** **You should create a chatbot and interact with it from 5 to 10 conversations.** It recommends a destination you want to travel to. The conversations must include the initial and final messages below, and except for them, you can use any prompt to chat.

**Your questions at the beginning and end must be:**

***Initial message:*** Hi, my name is {your\_name}. Can you recommend a place to travel in the {country\_to\_travel}? Please answer in 20 to 100 characters.

…

***Final message:*** Please summarize all previous messages.

**[Answer]**

Enter your code and result here. You must show your result (captured image or string).

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**2. [20pts]** **Implement a chatbot for casual conversation.** Ask the chatbot five open-ended questions and capture your questions and the chatbot’s answers.

**[Answer]**

Enter your code and result here. You must show your result (captured image or string).

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