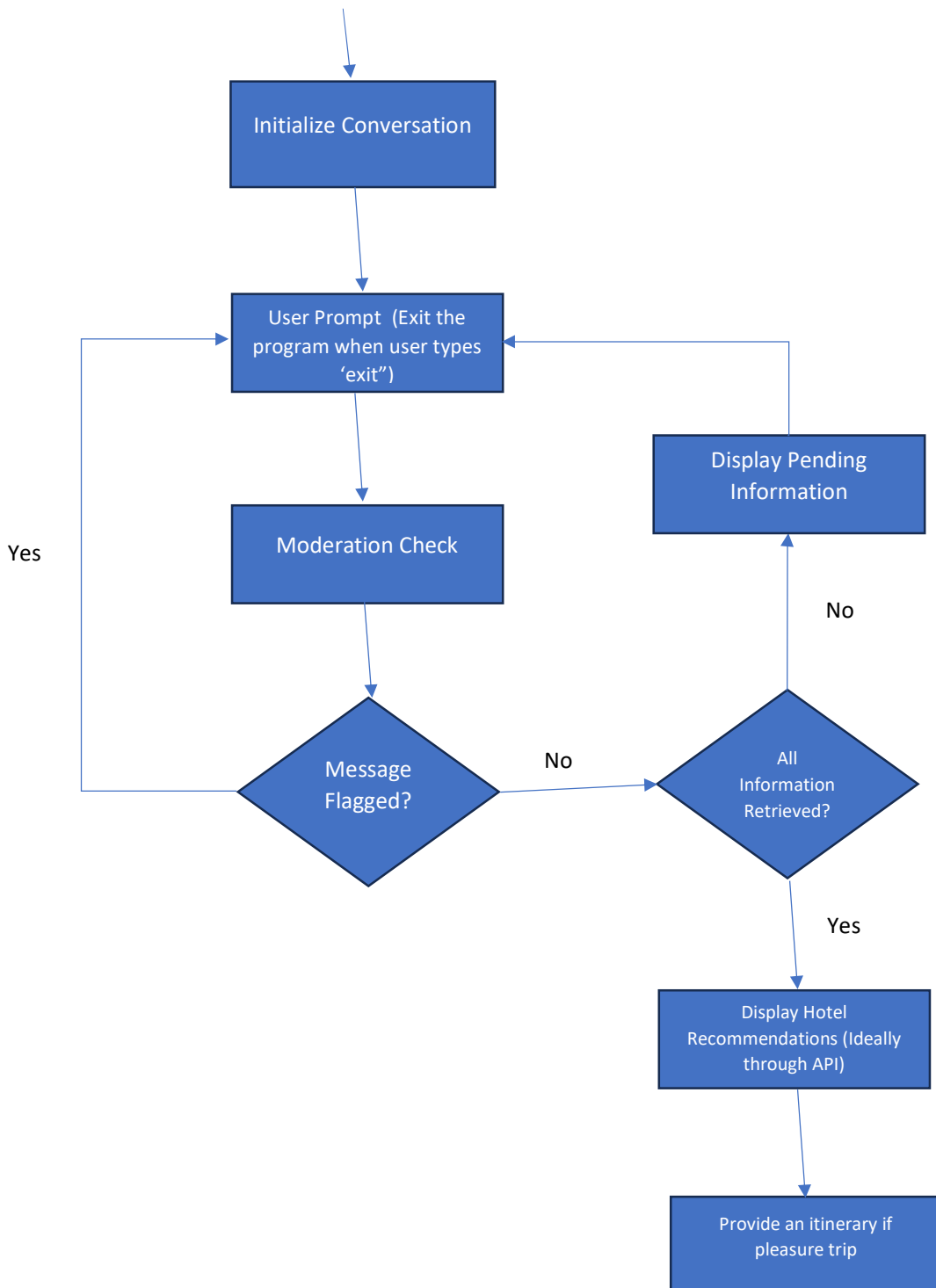


Travel Planner Project by Rishi Shah

Project Goal – To help user get a recommendation for top 3 hotels in the selected city as a travel planner

Design and Implementation – Please see the flowchart below to explain the design and implementation.



Data Sources – I do not have a data source. Ideally using the function and call to API, I should be able to connect with a travel website but I do not have any account with the travel website. I have relied on OpenAI to provide the recommendation. I have written the code that creates the function based on information entered by the user.

Challenges and learnings – There are some challenges and learnings.

1. In most of the testing, the program provides 3 good recommendations for the hotels. However, it takes a few moments to find. In the case the user will have to type something like “Any updates?”. That is a limitation that has not been addressed.
2. In some case the itinerary is not provided immediately despite asking OpenAI to provide. It may take another attempt to get the itinerary.
3. I tried to train the model using prompts for handling multi city requests. However, that is not working that well. It is best to inquire for one city at a time. The function also can handle just one city currently.
4. For the budget per night field, the program confuses on currency without the currency symbol or 3 letter currency denomination (like USD).
5. In some cases, depending on the availability of data, Open AI may provide actual hotel names otherwise it provides something like “Hotel A” or “Hotel B”.
6. There are potentially other parameters that could be used like user ratings. I have used the most common parameters that I typically use when booking travel.