Link to the Repository:

https://github.com/allantsai123/COSC310\_Assignment3

Sample Output:

<Travel Bot >: We plan trips to cities in Canada, and Mexico. Greetings, Can I help you plan a trip?

<Allan>: hi

<Travel Bot >: Hello. Can I help you plan a trip?

<Allan>: i want to go to Mexico

<Travel Bot >: Mexico is a wonderful place! Where would you like to go in Mexico?

<Allan>: Cancun

<Travel Bot >: Everybody loves Cancun, Mexico!

<Allan>: how far is cancun

<Travel Bot >: The distance between Kelowna and Cancun is 6300.38km

<Allan>: can i drive there

<Travel Bot >: You can if you want to.

Driving to Cancun, from Kelowna would cost approximately $3119.0.

<Allan>: can i fly there

<Travel Bot >: Let me look that up...

Yes, we have two direct flights to Cancun and numerous other flights that leave daily.

Flying to Cancun, from Kelowna would cost approximately $3119.0.

<Allan>: can i boat there

<Travel Bot >: Well let me find out...

Of course! I've heard that it's one of the best places to for a cruise.

<Allan>: what can i do there

<Travel Bot >: While you are there you could play beach volleyball, or you could buy some street art

<Allan>: what can i eat there

<Travel Bot >: Well let me find out...

It's all about street vendors and local food there.

<Allan>: are there popular restaurants

<Travel Bot >: Searching...

It's all about street vendors and local food there.

<Allan>: how can i get around

<Travel Bot >: If you want to get between cities coach bus is the way to go.

<Allan>: can i get around another ways

<Travel Bot >: You should be able to walk to most places within the city. Otherwise coach buses are a good way to get around the country.

<Allan>: i change my mind, i want to go to calgary,canada

<Travel Bot >: Everybody loves Calgary, Canada!

<Allan>: how far is calgary

<Travel Bot >: The distance between Kelowna and Calgary is 605.13km

<Allan>: are there good restaurants there

<Travel Bot >: Determining what's best for you.

Pita Express

Drinkwaters Grill

Baraka

Harvest Energy Trust

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<Allan>: can you book me a hotel?

<Travel Bot >: We offer a wide variety of accomodations. Do you have a budget?

<Allan>: i can afford 100

<Travel Bot >: Searching for the best accommodations that match you budget.

In Calgary we have a fantastic beachfront hotel. Just steps outside your room, and only $100 a night.

<Allan>: nvm i can afford 60

<Travel Bot >: Searching for the best accommodations that match you budget.

Our top discount hotels in Calgary are Hotel Plaza and Hotel Tropicoco. Only $55 a night.

<Allan>: what is the weather there now

<Travel Bot >: It is currently 7.45 degrees C in Calgary

<Allan>: how can i get around there

<Travel Bot >: You should be able to walk to most places within the city. Otherwise coach buses are a good way to get around the country.

<Allan>: i change my mind i want to go to vancouver canada

<Travel Bot >: Everybody loves Vancouver, Canada!

<Allan>: what can i do there

<Travel Bot >: While you are there you could drink some awesome margaritas, or you could enjoy the beach and tan

<Allan>: what is the weather like there

<Travel Bot >: It is currently 10.92 degrees C in Vancouver

<Allan>: can you book me a hotel

<Travel Bot >: We offer lots of different hotels. Do you have a price in mind?

<Allan>: i can afford 300

<Travel Bot >: Searching for the best accommodations that match you budget.

The Fiesta Americana Condesa is a fantastic resort right on the white sandy beaches of Vancouver. The resort is all inclusive!

<Allan>: what can i eat there

<Travel Bot >: Searching...

Metro Town Pantry

Champlain Mall

Point Grey Town Pantry

En Japanese Restaurant

.

<Allan>: can i fly there

<Travel Bot >: Searching...

I can certainly help you with that. All our flights are direct to Vancouver.

Flying to Vancouver, Canada, from Kelowna would cost approximately $191.77.

<Allan>: can i drive there

<Travel Bot >: You can if you want to.

Driving to Vancouver, Canada, from Kelowna would cost approximately $191.77.

<Allan>: thanks

<Travel Bot >: You're welcome.

<Allan>: good bye

<Travel Bot >: Thanks for stopping by.

Spell Check Output:

<Travel Bot >: We plan trips to cities in Canada, and Mexico. Good morning, I'm Travel Bot. How can I help?

<Allan>: i want to goadsf to mexico

<Travel Bot >: Mexico is a wonderful place! Where would you like to go in Mexico?

<Allan>: cancun is where i want to go

<Travel Bot >: Everybody loves Cancun, Mexico!

Bad Output:

<Allan>: how far is cancun

<Travel Bot >: The distance between Kelowna and Cancun is 6300.38km

<Allan>: i want to go to calgary

<Travel Bot >: Calgary, Mexico is very nice!

<Allan>: how do it drive to mexico

<Travel Bot >: You can if you want to.

Driving to Calgary, Mexico, from Kelowna would cost approximately $2323.19.

List of limitations:

* Can’t go to other place if it is not implemented.
* It can only handle conversations for traveling guide, weather, transportation, distances between two cities, etc.
* The ChatBot can only understand certain words (knowledge limitations), sentences (words) need to be very specific. Destinations have to be specific. There can be many places having the same name.
* Does not answer the question “why”.
* Only work in English.
* Cannot go to an island by driving, the interfaces require the ability to drive to the destination.

Future implementation:

* Press enter key to send