Google Calendar Chatbot Through Function Calling Using ChatGPT API and Google Calendar API.

1. Create Event

Bot: Hi! I'm your chatbot assistant. How can I help you today?
You: What can you do for me?
Bot: I can perform various actions related to Google Calendar for you. Here are some of the things I can do:

1. Retrieve events on a given date
2. Create new events in your calendar
3. Delete events from your calendar
4. Get free/busy information from your calendar
5. Update existing events in your calendar
6. Reschedule events in your calendar

Let me know if you would like me to perform any of these actions for you.
You:
    @media print {
      .ms-editor-squiggles-container {
        display:none !important;
      }
    }
    .ms-editor-squiggles-container {
      all: initial;
    }Retrieve events on 2023-08-01.
Bot: There are no events scheduled on 2023-08-01.
You:
    @media print {
      .ms-editor-squiggles-container {
        display:none !important;
      }
    }
    .ms-editor-squiggles-container {
      all: initial;
    }Create a event for team meeting for 2023-08-01 at 2pm edt for 1 hour.
Bot: I have created a new event for the team meeting on 2023-08-01 at 2pm EDT. It will last for 1 hour and will be held in the
Conference Room. The event ID is v56vok0681d91d9110lu5c1bts.

2.   Get Event Information

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You: Okay get event information for 2023-08-01.
Bot: On 2023-08-01, there is one event scheduled:

- Summary: Team Meeting
- Start Time: 2023-08-01 10:00:00 AM (EDT)
- Location: Conference Room

Please let me know if there is anything else I can help you with.
```

3.   Update Event

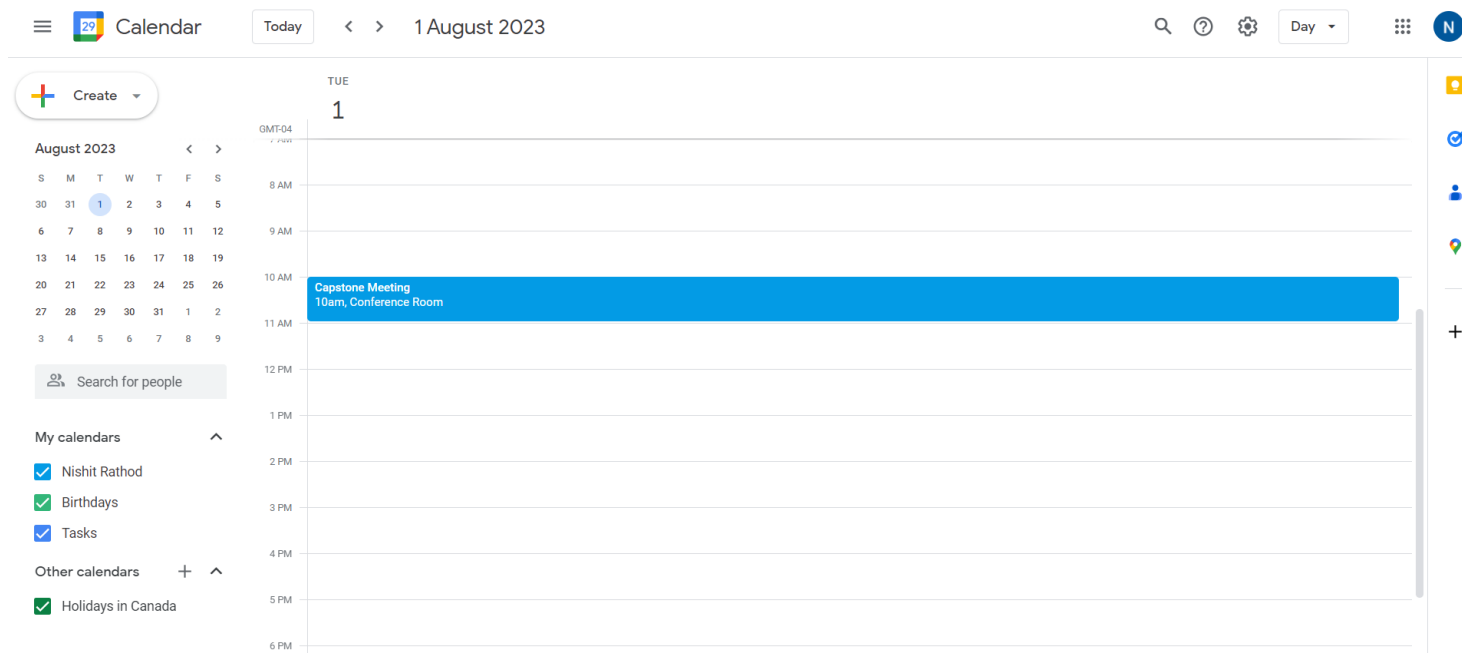Please let me know if there is anything else I can help you with.
You: Change the name of the event to "Capstone Meeting"
Bot: I have updated the name of the event to "Capstone Meeting".
You: Okay get event information for 2023-08-01.
Bot: On 2023-08-01, there is one event scheduled:

- Summary: Capstone Meeting
- Start Time: 2023-08-01 10:00:00 AM (EDT)
- Location: Conference Room

4.   Free/Busy Event

Please let me know if there is anything else I can assist you with.
You: Tell me my free/busy time for 2023-08-01.
Bot: On 2023-08-01, you are busy from 2:00 PM UTC to 3:00 PM UTC for the Capstone Meeting.

5.   Reschedule Event

```
You:
  @media print {
    .ms-editor-squiggles-container {
      display:none !important;
    }
  }
  .ms-editor-squiggles-container {
    all: initial;
  }Can you reschedule the event on 2023-08-01, from 3pm to 4pm edt instead of 2pm to 3pm edt.
Bot: I have rescheduled the event on 2023-08-01 from 3:00 PM EDT to 4:00 PM EDT.
You: Okay get event information for 2023-08-01.
Bot: On 2023-08-01, there is one event scheduled:

- Summary: Capstone Meeting
- Start Time: 2023-08-01 11:00:00 AM (EDT)
- Location: Conference Room

Please let me know if there is anything else I can assist you with.
```

6. Delete Event

You: Can you delete the event which created is on 2023-08-01.
Bot: I have deleted the event that was scheduled on 2023-08-01.
You: Okay get event information for 2023-08-01.
Bot: There are no events scheduled on 2023-08-01.