



## Your Mission 🚀

Build a **conversational AI agent** that can assist users in booking appointments on your Google Calendar. The agent should be capable of engaging in a natural, back-and-forth conversation with the user, understanding their intent, checking calendar availability, suggesting suitable time slots, and confirming bookings — all seamlessly through chat.

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## Technical Stack Requirements 🛠️

- Backend: Python with FastAPI
  - Agent Framework: LangGraph
  - Frontend: Streamlit (for chat interface)
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## What Your Agent Should Do 💬

- Accept user input in natural language
  - Understand and guide the conversation toward booking a slot
  - Check availability from a calendar (Google Calendar or similar)
  - Book a confirmed time slot.
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## Example Conversations Your Agent Should Handle 😊

- "Hey, I want to schedule a call for tomorrow afternoon."
  - "Do you have any free time this Friday?"
  - "Book a meeting between 3-5 PM next week."
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## Your Final Submission 📝

Share a working **Streamlit URL** where we can interact with your booking agent. You will be judged based on code quality, edge case handling and functionality.