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Project 2

1 Product Mission Statement

-For chatbot users and developers

-Who need an intelligent, customizable conversational AI solution

-The ChatGPT 3.5 API-powered chatbot is a versatile artificial intelligence assistant

-That provides appropriate responses and streamlines user interactions

-Unlike rule-based chatbots or less advanced AI models

-Our product offers more advanced natural language processing capabilities with easy integration for diverse applications

2 Product User Stories

1.“As a student when studying at home, I want to ask questions about my coursework because I need immediate clarification on complex topics.”

2.“As a housewife when cooking in kitchen, I would like to get in time constructions for dealing with raw meat because I need to finish a delicious and safe dish as soon as possible.”

3."As a non-native English speaker, I can practice conversational English with the chatbot so that I improve my spoken English in local environment."

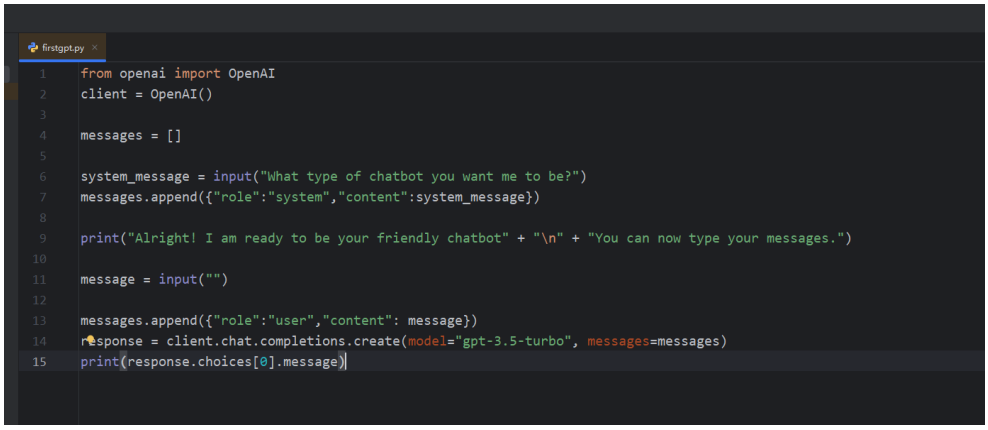
3 MVP

1. Basic Conversation Functionality: Implement a simple text-based interface for users to input messages and receive responses; integrate the ChatGPT 3.5 API to process user inputs and generate appropriate responses.

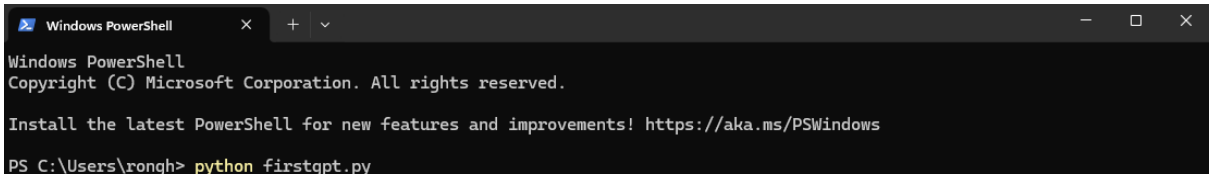
2. Single-turn Conversations: Focus on handling single-turn conversations initially, where each user input is treated independently.

4 Demo of chatbot

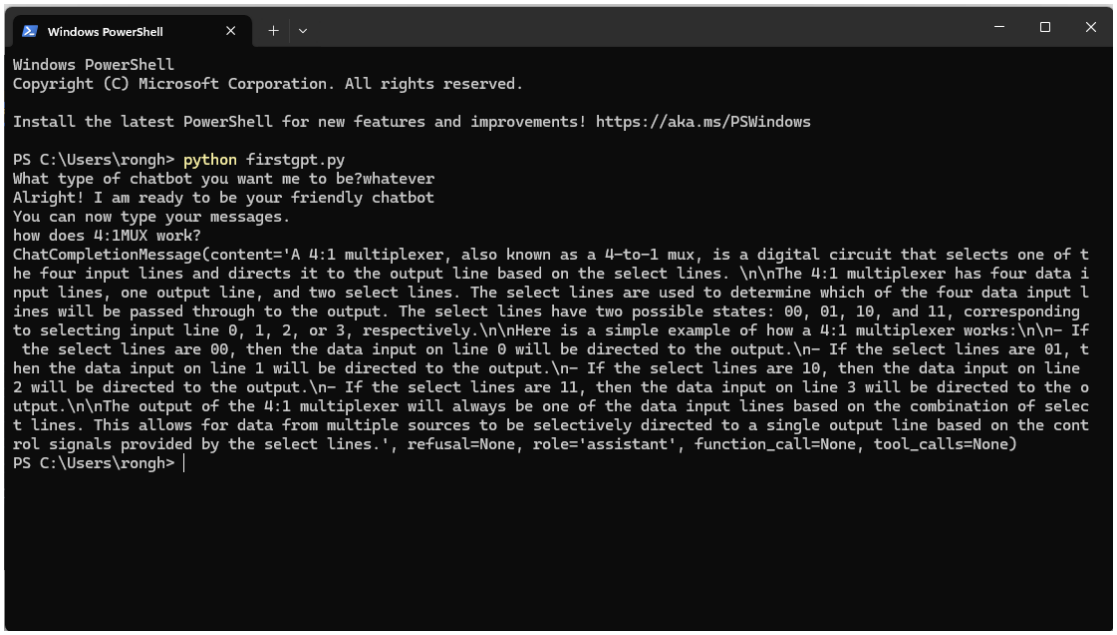
1.Finish the code of how to call API.



2. Open Command and enter, “python first.py”.



3.Ask questions about Digital Circuits.



The outcomes show the code uses ChatGPT successfully by calling its APIs.