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TARGET (Ok it's an official date) SHIP DATE: 6/13/23

Yamorous Hearts: A Root Vegetable Romance

Overview: Dating simulator with yours truly, powered by chatgpt. Uses the gpt turbo 3.5 API and some tool related to LlamaIndex in order to take in information about our personalities. A user will be able to select which chatbot (characters listed below) to talk to, and the chatbot will respond in the style of the person. There will be a heart system for score, which raises if you or the AI says certain things, and decreases if you say something wrong. At certain heart levels, "dates" will be unlocked with your selected character and once ten hearts are reached, you will have a wedding.

Program Components & Roles

- ChatGPT API - send current and previous messages to ChatGPT, and receive replies to show to user.
- Flask App - Manage ChatGPT API calls and serve gradio (or whatever other method we choose for chat communication)

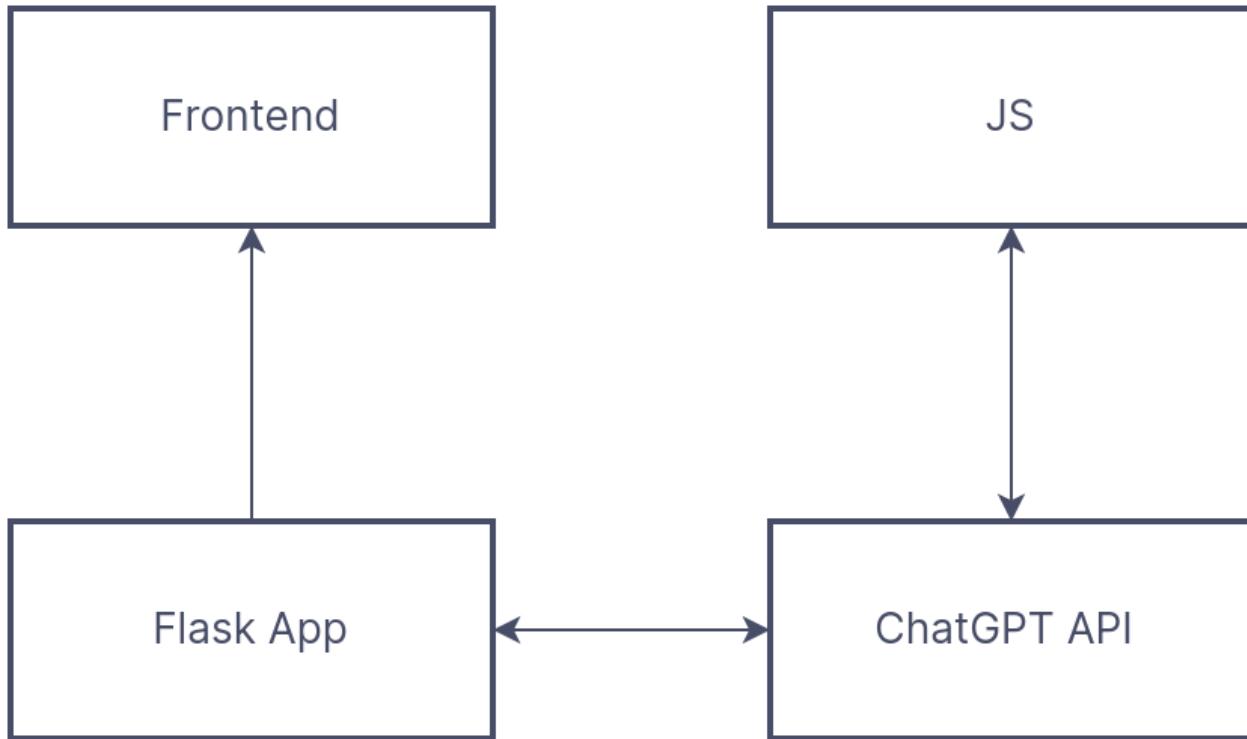
Data Sets:

- Plaintext files for each chattable person, containing
 - A. Text messages or other similar records for the AI to mimic
 - B. A detailed description of the person's personality
 - C. Keywords that the AI must use in order to properly portray personality

Planned characters:

- Maya
- Scam
- Slam
- Ameer
- Mr. Mykolyk (not for dating)
- Mr. Moran (for dating)

Component Map



<https://app.zenflowchart.com/flowchart/luxesIa2VZwwADQciqZX>

Database Organization Tables

N/A but the structure of the files will be as follows

"""

Character: Scam

Writing style(taken from text history, email history, piazza posts, github, etc)

"U good to call at 9?"

"I've found AJAX to be an incredibly useful tool in a side project..."

Description

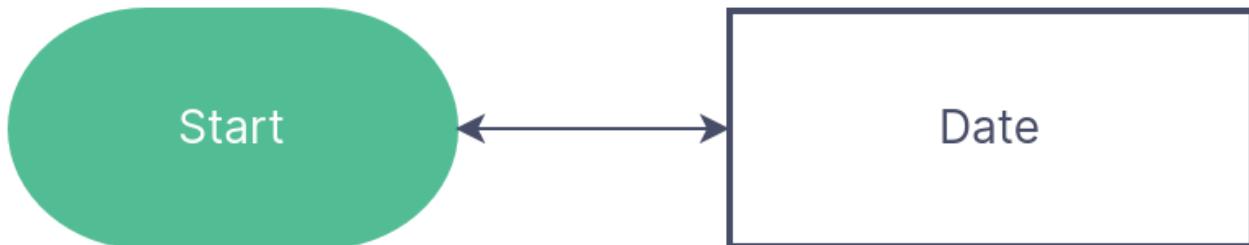
Scam is an 18 year old student at Stuyvesant high school. He is graduating in a matter of weeks...

Keywords (words that either increase or decrease heart score)

- Celiac +
- ELECTIONS -
- Béisbol +

"""

Site Map



<https://app.zenflowchart.com/flowchart/x3mg4FsoqKdYPpiuLjqy>

Tasks & Roles

Maya: frontend

Ameer: JS

Sams: gpt3.5 api

Areas for Expansion:

-input your own people

- expansion beyond just dating - actual services using gpt

Other Links:

<https://beebom.com/how-train-ai-chatbot-custom-knowledge-base-chatgpt-api/>

https://github.com/openai/openai-cookbook/blob/main/examples/Question_answering_using_embeddings.ipynb

https://open.substack.com/pub/doxa/p/the-chat-stack-gpt-4-and-the-near?r=2e209q&utm_medium=ios&utm_campaign=post

<https://www.trychroma.com/>

https://github.com/jerryliu/llama_index

<https://medium.com/@meghanheintz/intro-to-langchain-lm-templates-and-agents-8793f30f1837>

<https://community.openai.com/t/llamaindex-vs-langchain-which-one-should-be-used/163139>

To do:





