LLM Models

* Good
  + Groq seems to be good
  + OpenRouter also promising
    - <https://openrouter.ai/models/liquid/lfm-40b:free/api>
    - Looking into it more, seems to be an aggregator for model providers
  + SambaNova Cloud
* Maybe?
  + Google AI Studio
    - Seems good but doens’t let me use my school account??
* Bad
  + Mistral (Le Platforme) requires adding a payment method to get API key so no go
* So looking into it, they all basically use the same OpenAI api, which is very helpful
  + The only real difference is the provider (server hoster) for the AI and all the free ones basically have the same rate limits
  + Might just have to set up a timed queue on our server to prevent sending too many requests

Spikes and Infrastructure

Ideas

* Basically a free Quizlet tests but utilizing LLM to generate wrong answers
  + Additionally, rephrase correct answers (if not integer) to keep tests fresh
  + Would need to find some sort of [free](https://github.com/cheahjs/free-llm-api-resources) LLM
* Macro Meal Planner
  + Creates a daily/weekly meal plan based on macro goals (cal, protein, carbs, etc.).
    - Uses basic recipes imported from the internet, and combines them to reach +-5% of the requested amounts.
    - Organizes meals by type (breakfast, lunch, dinner snack) and can do .5 servings.
* Prayer Bulletin (Christian Discord)
  + Easy to make
    - Mix of notes app, bible app, reminders app, and discord
    - Post Prayer Requests for everyone to see
    - reminders to do prayer
    - Sends daily verse

2 votes?

Previous Year’s Ideas

* Summer 2024
* Vector Kart
  + Web App Racing Game
* Solucio
  + Web App Personalized Food Recommender
* Soccer Match Predictor
  + Web App Data Aggregator for Soccer
* Project Manager
  + Web App Simplified Project Management Tool
* Penny Stock Prediction
  + Web App Interactive Penny Stock Prediction Model
* LLM Story Generator
* Spring 2024
  + Vocab Venture
    - Web App Gameified vocab flashcard learning
  + UC Universe
    - Itch.io, unity game that provides fun way to learn about UC’s
  + ThruHiker
    - Iphone App, basically Strava
  + The Receipt Mobile App
    - App, take picture of receipt and auto distribute cost among group
  + Synthura
    - Web App, security camera analysis

Group Members

* Kevin (Jianwen)
* Serene
* Jiemas
* Zach

Potential Group Members

* Jackson (Waitlisted)

9/30 Basic Agenda and Notes

* ~~Ideas~~
  + ~~Add more ideas to list (if at all)~~
  + ~~Remove ideas (just any from ppl who are attending)~~
  + ~~Do initial voting (not finalizing yet) to determine top 3 ideas~~
* ~~Skill Gauge~~
  + ~~Each member list their skills in relevant areas~~
    - ~~web development, software, git, etc.~~
* ~~Remaining member~~

Skills

* Jiemas
  + Web development
    - CSE 186 Full Stack Web Development I: HTML, CSS, Javascript, JSX, react, node.js, express.js, postgreSQL
    - Python, C, C++
  + Git
    - used it to submit before
    - need more practice with branching and merging stuff
* Kev
  + Web development
    - HTML, CSS, Javascript, JSX, react, node.js, express.js, Firebase
    - Python, C, C++
  + Git
    - fairly confident
    - Rely on for merging
* Serene
  + Web development
    - HTML, CSS, Javascript, JSX, react
  + Git
    - same as Jiemas
* Zachary
  + Web Development - worked 9 months at a web development company doing fullstack stuff
    - Mostly php, did a bit of css, html, js
    - API integration
  + Git
    - More like Jiemas and Serene