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REST
SoftDev
P01 - ArRESTed Development
2024-11-25
Time Spent: 2 hours
Target Ship Date: 2025-01-17

Description

Answer trivia questions to earn questions and gacha with. Gacha is exchanging game points for random collectable cards.
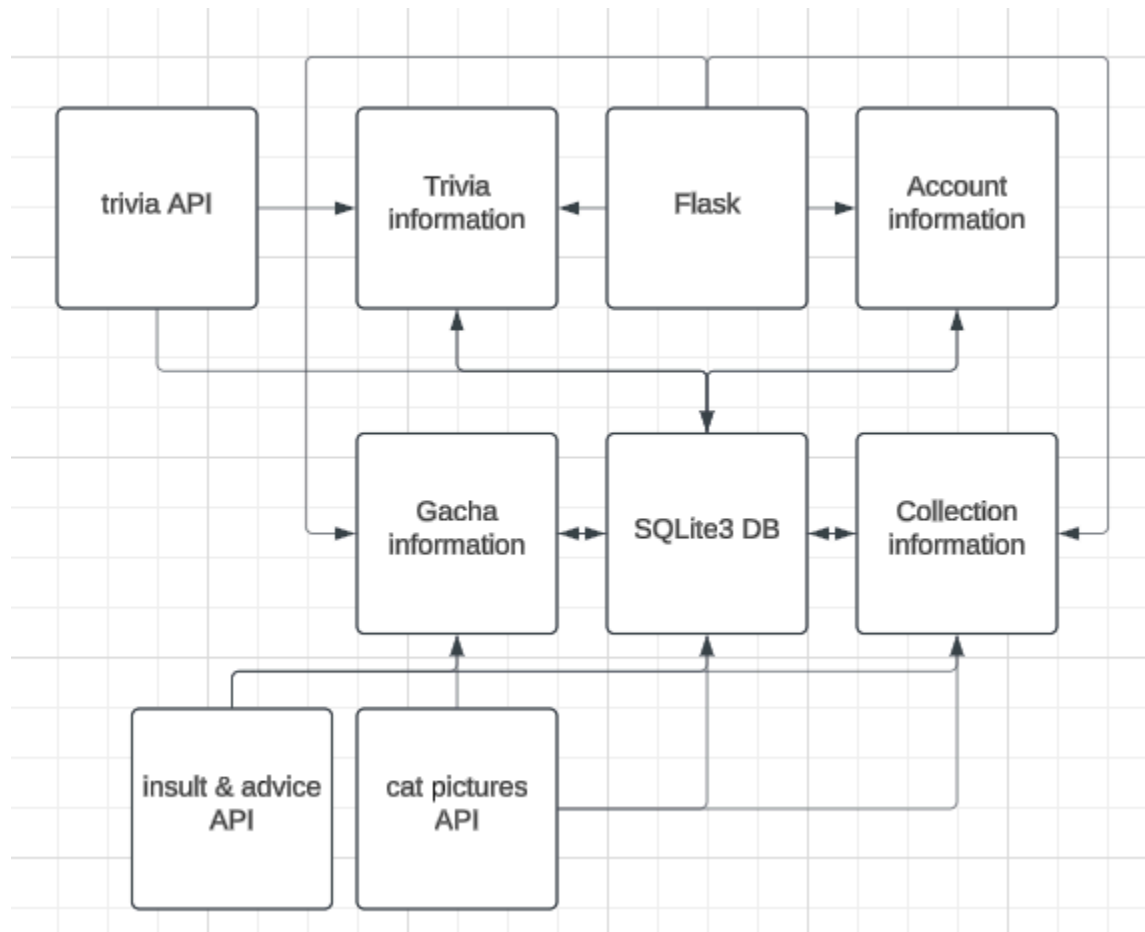
APIs

1. https://evilinsult.com/api/
   a. insults (quotes)
   b. Generated whenever a question is answered incorrectly
2. https://api.adviceslip.com/?ref=apilist.fun
   a. advice (quotes)
   b. Generated on the back of each gacha card (view in collection)
3. https://nekosia.cat
   a. "cat" pics
   b. Generated when gacha-ing, stored with users
4. https://the-trivia-api.com/docs/v2/
   a. trivia
   b. Questions generated to earn points

Components

- Accounts
  - Log in
  - Log out
  - Register
  - Sessions
  - Profile pictures
- Trivia
  - Difficulty selection
  - Question & response
- Gacha
- View your collection
- Render pages via HTML
- Store information via SQLite3

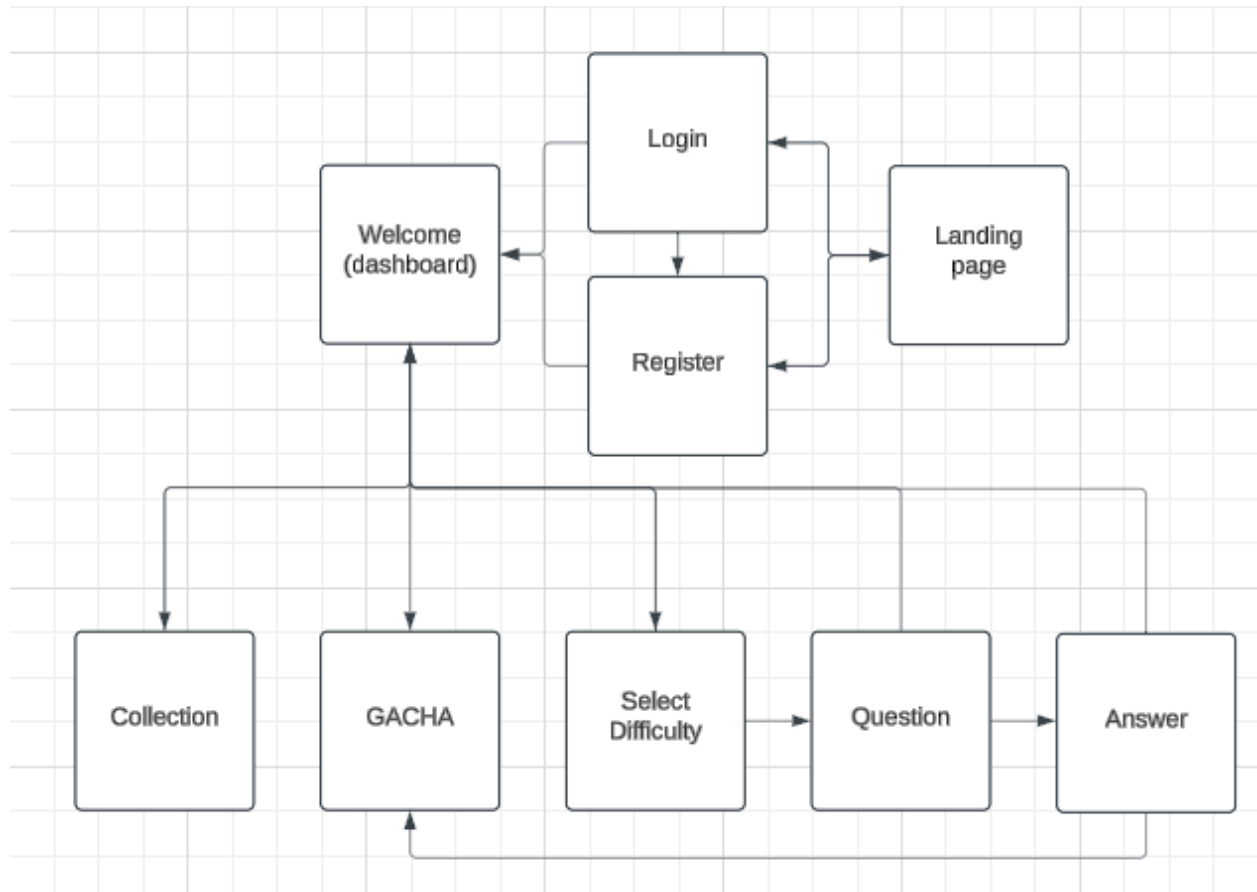- Load quotes, questions, and images from APIs

Relations

- Account information will be stored via SQLite3T
- HTML pages and SQLite3 will render and store all the information provided by APIs

Databases
- users(username TEXT, password TEXT, points INTEGER, packs INTEGER, cards INTEGER, pfp TEXT, userID INTEGER PRIMARY KEY AUTOINCREMENT)
    - Has functions that allows access of accounts, creating new accounts, and modifying account information
- cards(imgLink TEXT, advice TEXT, userID INTEGER, FOREIGN KEY (userID) REFERENCES users(userID))

Site Map (front end)

- ➔ /home
- ➔ /login
- ➔ /register

- ➔ /selectD
- ➔ /question
- ➔ /gacha

- ➔ /collection
- ➔ /logout
- ➔ /answer

Front-end Framework

Tailwind because of ease of use and variety of built-in features. Tailwind has some pretty cool animated effects. It allows for easy gradients too. Columns, flexbox, and animations will definitely be used.

Task Breakdown

Kevin (PM) - FEF & HTML

Chris - Flask

Tracy - API

Claire - DB

If Time Permits

- Filter your collection
- ~~Leaderboard~~
- Penalty
- Daily challenge