Weekly Report

My Task

1. Modularity Improvements: Shifted from GPT-generated HTML to a more reliable and consistent method where GPT generates the content that is subsequently passed into an HTML template. This approach has significantly improved the consistency and reliability of the output.

2. Error Handling Enhancements: Made significant additions to the error handling in the AI model functions. This includes handling for a wider range of potential errors such as rate limit errors, timeouts, service unavailability, invalid requests, and API connection errors. The function now also implements an exponential backoff strategy for retries, improving the robustness of the system in the face of intermittent API failures.

3. Test Case Development: Currently in the process of writing comprehensive test cases for each edge case of the functions. These test cases will help ensure that the function behaves as expected in a wide range of scenarios and that all error handling mechanisms are functioning correctly.

4. Redesign: Undertook a substantial redesign of our HTML templates to enhance their aesthetics and interactivity. These improvements have greatly enriched the user experience and engagement with our generated pages.

5. Collaboration: Held a successful meeting with the team from Maxis to showcase our work so far. We received very positive feedback on the changes we've implemented and the progress we've made. The team is looking forward to seeing a video demo of our product soon.

Future Plans

1. Templates: Plan to further refine our HTML templates based on the feedback received from the Maxis team and our own user experience testing. The goal is to make our generated pages even more engaging and user-friendly.

2. Test Case Expansion: In addition to the current test cases, we plan to develop additional test cases to cover even more potential edge cases. This will ensure the robustness of our system in a variety of scenarios.

3. Demonstration: In response to the interest from Maxis, Ying Ying will be developing a video demo of our product. This demo will showcase the capabilities of our product and the improvements we've made in response to previous feedback.

Links

1. Style file
2. Template html file
3. Main javascript
4. Data.json

Run this code

python3 -m http.server

and access the template.html from

http://localhost:8000

To load the html file with data.json loaded