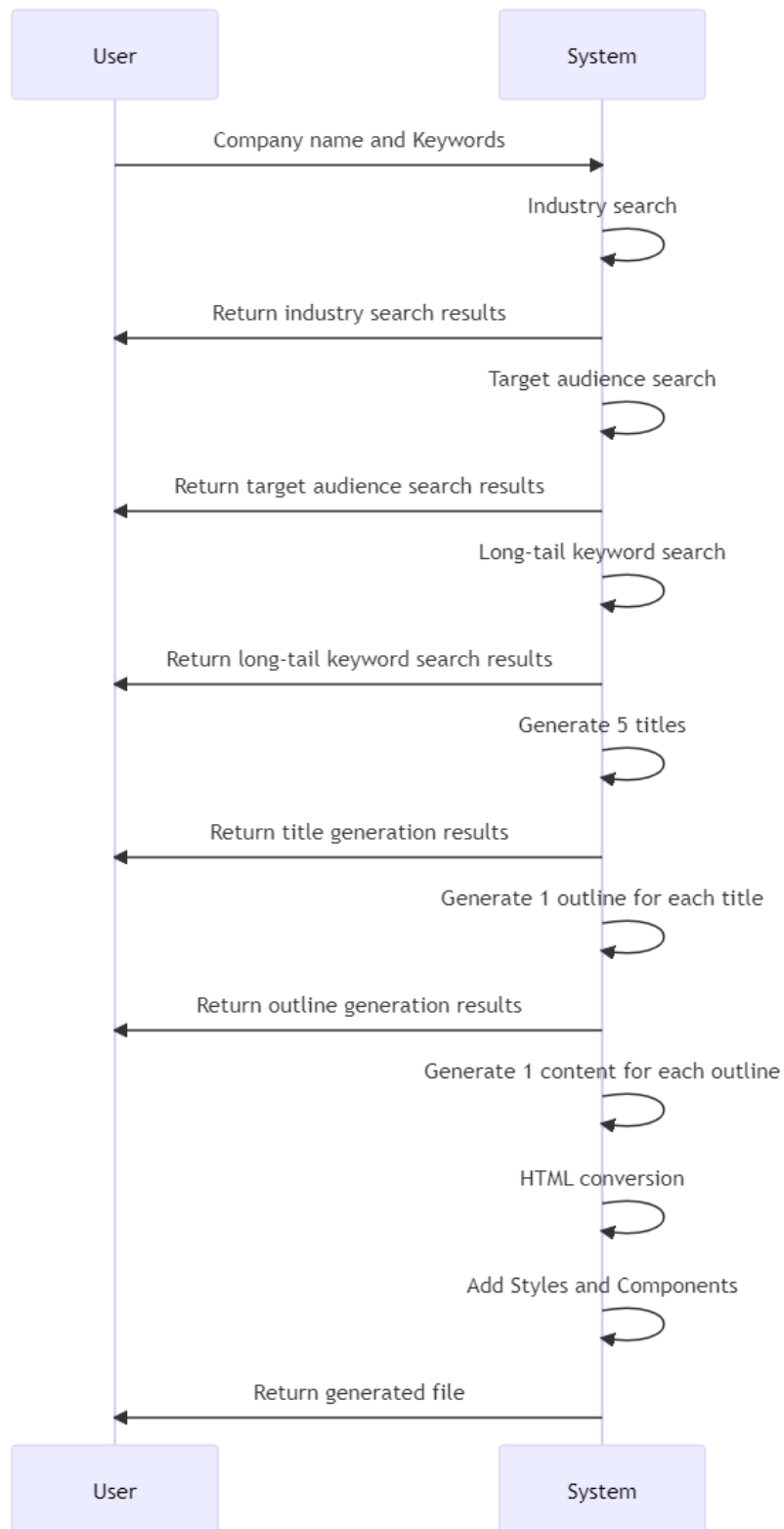


Weekly Report

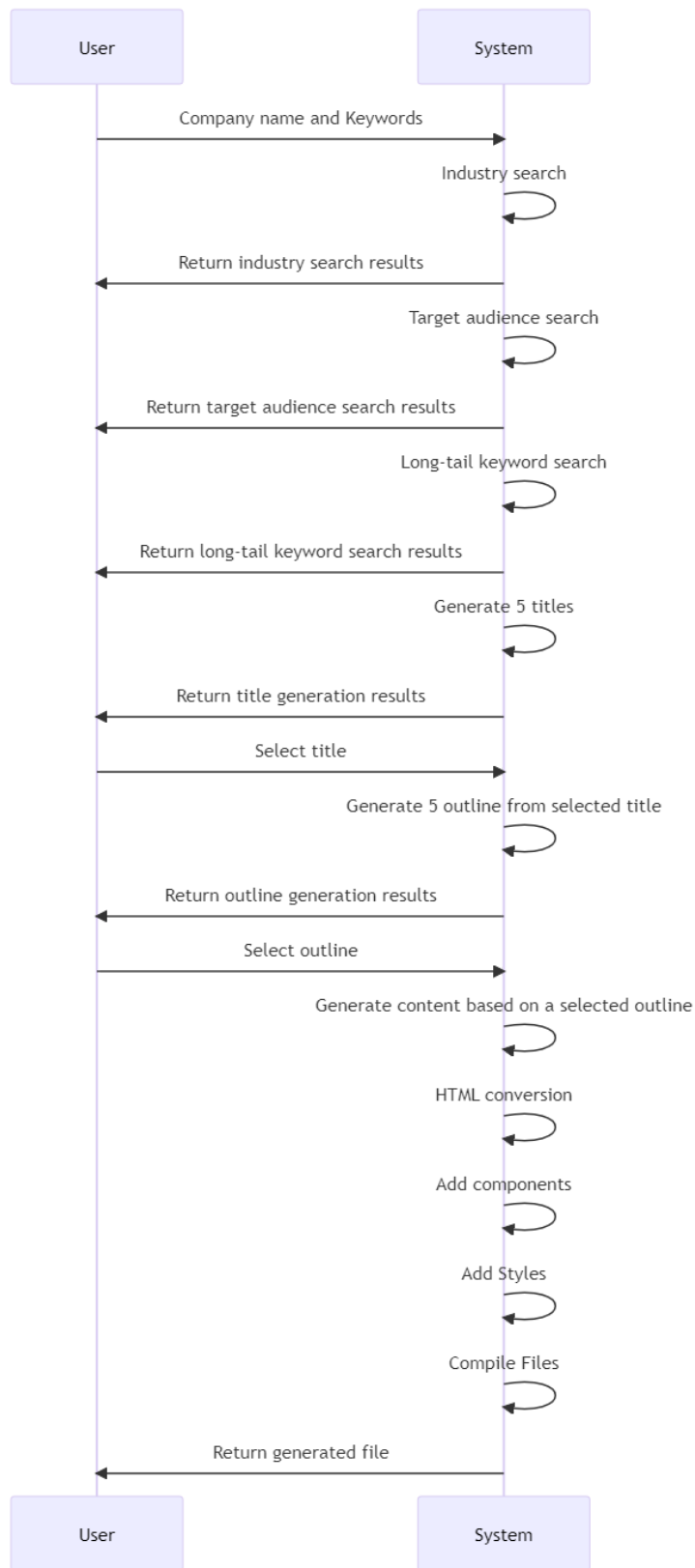
1. My Task

1. Modularity Improvements: Switched the creation of CSS in the HTML to a CSS file instead to preserve and share the CSS formatting across multiple pages. This allows the user to request for multiple pages to be generated with the same formatting.
2. GPT updates: Since OpenAI just released another update on the models, the new models gives more room for context and content generating, so a transition to the new models give an advantage when it comes to generating content and HTML code.
3. Fail-Safe: With the instability of the GPT model, a fail safe is an ideal solution to ensure that the generated response is a HTML code. Since the process of adding components and styles are still under refinement process and require a long step-by-step format to complete the addition, the error rate increases exponentially at each step. Therefore, a fail-safe will be called at each step to ensure the linearity of the error rate and prevent failed responses from piling at each step.
4. Redesign: Rate limit error has been a common issue in many API usages during development. To reduce this error, I've redesigned the process of the generating new content and HTML code as follow:

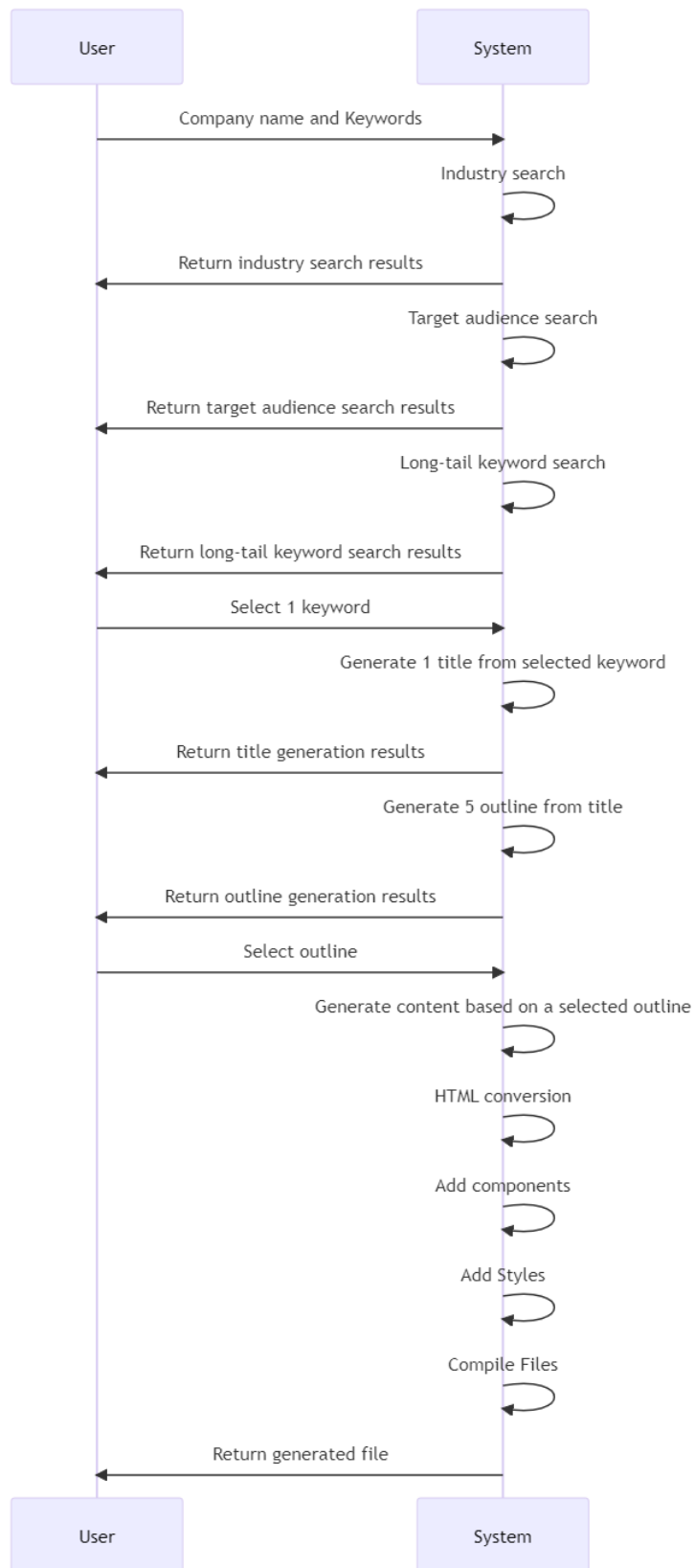
Old Design:



2nd Design:



Latest Design:



2. Future Plans

1. Templates: Due to the inconsistency of the GPT model, I've decided to proceed with the new design to generate the webpage. The redesigned flow includes pre-processing of the generated output to filter out the HTML tags and insert them at appropriate spots within the template.
2. Canva: Another implementation of a new API was requested by Mr. Francis into the NexBot (named given by Mr. Francis). Further documentation and research must be done before development can begin on this API.