**Title:** Quote Generator

**Name:** Tabin, Jasper P.

**Contact Information:** Tabinjasper@gmail.com

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**Introduction:**

During our preliminary period, the projects we developed consisted of simple programs with basic functions. As we approach the midterm, our intention is to enhance one of these projects, specifically the Quote Generator. The current version of the Quote Generator includes basic features such as generating and browsing quotes.

**Current Process Analysis**

A diagram of a diagram

Description automatically generated

The current processes in the projects are just simple and basic, as you can see in the flowchart the current flow are just generating the quotes and browsing the quotes.

There’s a lot of areas that we can improve in the project such as adding a filter function and saving a quote & deleting a quote & other things.

**Proposed Improvement**

* **User Accounts:** Implement user accounts to allow users to save preferences, track favorite quotes, and personalize their experience on the platform.
* **Advanced Search Filters:** Extend the browsing functionality by adding filters such as category, author, or keyword. Users can narrow down the list of quotes based on their preferences.
* **Favorites:** Allow users to save their favorite quotes to a list for easy access later. Implement functionality for users to add and remove quotes from their favorites list.
* **Random Quote Widget:** Create a widget that displays a random quote on a website's sidebar or footer. Users can embed this widget on their websites or blogs to showcase inspiring quotes.
* **Social Sharing:** Allow users to share their movie lists on social media platform to engage with their friends and followers.
* **Improving the UI of the Project:** Improving UI on how the website will look to be much more appealing for the users.

**Benefits & Impact**

By integrating the proposed enhancements into the Quote Generator project, we anticipate several benefits. These improvements aim to elevate the user experience by introducing features like user authentication and advanced search filters. Moreover, they seek to foster greater user engagement through options for social sharing and enhancements to the user interface, making the platform more intuitive and enjoyable to use.

**Project Plan & Timeline**

If ever this topic gets approved, then these are the plan and timeline we the team are going to do.

**Timeline:** 4 weeks, setting an iteration in GitHub with a span of 4 weeks.

**1. Breaking down the project into pieces:** Assigning a group member to an issue and set it to the iteration to “Midterm Project” which consists of 4 weeks of development.

**2.** **Reviewing the Issue:** Once the member asks to review the pull request, it will be reviewed and check if there are any bugs or mistakes.

**Equipment needed:** Computer/Laptop.

**Evaluation & Risk Assessment**

The success of the Movie Tracker project can be measured through the successful implementation of the said improvements focusing on user engagement, feature adoption, social sharing, and UI improvements. One risk we face is the limitation of the external API, which may have usage constraints. To address this, we'll handle rate limit errors gracefully, optimize API usage, and explore alternative APIs as backups.

**Conclusion**

In summary, as we move from the preliminary to the midterm phase, we aim to enhance the Quote Generator project. Our proposed improvements, including user accounts, advanced search filters, favorites lists, a random quote widget, social sharing options, and UI enhancements, are designed to enhance user experience and engagement. While we have a structured project plan, we're mindful of potential API limitations and have strategies in place to mitigate risks. Approval to proceed with the outlined project plan is requested, with openness to feedback and suggestions for refinement.