Elysium - Team 4

Cover Letter for Final Archive

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1 Summary of Accomplishments

As a summary of what this document will describe, our final application meets all the baseline requirements as stated in our initial project proposal. Listed below are explanations regarding how our final application meets each requirement.

1. Users are able to create an account via an email and password, and then sign in and out of our application using their account credentials. This requirement was completed as imagined with considerations regarding how user information is stored. To perform user authentication we use JWT tokens to connect users with information we store in the backend. We are storing information using MySQL, whereas ideally, we would like to use a no-SQL, node-based backend server as many social media applications employ this method to connect users more efficiently. This is something we plan to explore as we continue the development of the idea behind Elysium.

2. Users are also able to connect their preferred streaming service, Spotify, to the application. Our original idea behind this requirement was for users to be able to connect either Spotify or Apple Music to their application and be able to interact with music media across their non-desired platform. However, due to complications with the Apple Developer Program over the course of this semester, we decided to pursue the development of our application based solely on users with access to Spotify. This consideration attempted to increase the development timeline of our project with the ability to integrate Apple Music compatibility at a later time. We believe the integrity of this requirement to be upheld and the consideration to be fair under the given circumstances.

3. Users are able to create content-based posts to Elysium referencing songs, playlists, or other music media from their desired streaming service.

4. Users can add posted music media directly to their music streaming service account.

5. Users can search for other users, follow/unfollow, and view the posts of other users on their respective profiles.

In the explanations above, items 3 & 4 should be considered in the scope of the explanation presented in item 2.