Abby Bosch

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*Team S.AM.*

***FlixSearch* Project Plan Document**

1. **Introduction**
   1. **Scope and purpose of document- A.B.**
      1. This document describes the goal of our project and how we intend to achieve that goal. We will identify the problem that the app intends to solve and describe the features within the app itself. This will also include the intended plan that the project will follow as well as a system context diagram to help visualize the functionality of the app.
      2. The FlixSearch app provides a service that allows users to find which streaming service their desired movie or show is available on. The app will provide descriptions of other features like keeping up with which shows friends and family are watching. FlixSearch will also keep track of the user's personal interests and suggest movies and shows that the user may be interested in as well as which movies and shows are currently popular.
   2. **System Scope** 
      1. **Problem/Opportunity Description** -S.K.
         1. The goal of this project is to create an app that helps people quickly and easily find where they can watch their favorite TV shows and movies. There are so many streaming services available today, it can be frustrating to know which platform has the shows or movies you want to watch. By creating an app that consolidates this information, we aim to make it easier for people to find and access the content they want while saving time and avoiding the hassle of navigating through different apps and subscriptions.
         2. This app could also help people save money, as they can quickly compare prices and subscription options across different platforms. Additionally, the app could help users discover new shows and movies that they may not have known about otherwise, as they can browse through available content across multiple platforms in one place. Overall, the app aims to provide a convenient and efficient way for people to access and enjoy the TV shows and movies they love.
      2. **Anticipated Business/Personal Benefits- A.B.**
         1. By creating this application, we hope to create an easier user experience with streaming services. We also hope to be beneficial to those streaming services as well by sharing what our users are searching for most, as well as which streaming services are being utilized most. In knowing this information, we hope that the streaming platforms will be able to cater their content to their users, and potentially use that information to bring in more new customers.
         2. By using our app, users will have an easier time navigating through all of the available platforms. The app will provide them with where they can watch their preferred movies and shows and if there is a rental price for that particular media or not. FlixSearch will be a database that our users have full access to. They will no longer have to search through all of the streaming platforms when they want to find a specific movie or show.
      3. **System Capabilities- A.B.**
         1. A trending list for each streaming service
            1. This list will be a compilation of the shows and movies that are most popular on each platform. This will indicate to the user which shows and movies are the most popular, so they may be inclined to watch them.
         2. Platform Exclusive Content
            1. This will be a list that shows which shows and movies are only available on specific platforms. For example, Stranger Things is only available on Netflix.
         3. A Search Page
            1. This search page will allow the user to enter the title of the movie or show. Then the page will display the movie or show, which streaming platform it can be watched on, whether or not there is a cost to watching it, like a rental fee, general information like duration and maturity rating, as well as the general rating from other FlixSearch users of the show. This feature will also allow the user to search for specific actors and actresses as well as specific genres of media. Each movie and show will have tags that allow for it to be searched through those means.
         4. Rating
            1. The user will be able to rate movies and shows they have watched on a scale of 1-10. The user will have the ability to rate movies they have watched before, but the app will prompt them to rate movies that they have previously searched on the app as well. The collection of ratings from FlixSearch users will be compiled, averaged, and displayed on the search results page when the piece of media is searched for.
         5. For You Page
            1. This page will take the user's previous ratings and use predictive analytics to determine what the user may be interested in watching next.
         6. Friend List
            1. This will allow the user to friend other accounts through their email or phone number and be able to see what their friends are watching and whether or not they liked it through their own ratings.
      4. **System Context- M.S.**
         1. See Attached File
2. **Schedule- A.B.**

See Attached Project File

1. **Staff Organization- S.K.**
   1. **Team Structure** –
      1. Abby (Team Leader):
         1. Oversees the overall direction and progress of the project. Works with the team to define and prioritize goals and objectives. Focuses on designing and implementing the user interface and user experience. Works with Salman and Miron to ensure that the project stays on track and that goals and deadlines are met.
      2. Miron:
         1. Focuses on the development, building platform integration, and database functionality. Works closely with the Team to ensure the app is integrated seamlessly with the user interface. Ensures that the database is secure, efficient, and scalable.
      3. Salman :
         1. Communicates with the team and coordinates any necessary meetings or check-ins. Tracks progress and identify any potential issues or risks that need to be addressed. Collaborates with the team on technical aspects of the project, such as software development and testing.
2. **Tracking and control mechanisms- M.S.**
   1. We plan to track changes to this document using Google Drive and use a variety of other tools and techniques to monitor the progress of the various tasks. Trello will be the main method for keeping track of who is currently working on what, and we will meet every Wednesday after class to discuss our progress on those tasks. To keep the rest of the documents besides this one in synch, we will be using Github. Our communication tool will be Slack.