

User Story 1

I want to generate a playlist based off of my user reddit history. I would want the target software to extract meaningful keys out of my comment history and my recent reddit posts to figure out my mood and create a suitable playlist. I would be able to filter all of those content first since I don't want some of my history to be used to generate the playlist.

I want the target software to understand my mood and make the playlist which fits my taste of music more, so a reliable sentimental analysis performed on my reddit posts and comment history is expected by me. After a personalized playlist is generated, I would prefer to have access to all songs with a single link, which directs me to the real playlist created under Spotify. I would have easy access to all the music as long as I have an Spotify account.

User Story 2

I would like to generate Spotify playlists based off of a person's Reddit history, such as my own, but in addition I would also like to fine-tune the "mood" that the songs in the playlist portray. Ideally, I would like to be presented with a list of key topics that appeared to be prevalent from the chosen Reddit user's history in order to go through how the playlist is defined. In addition, I do not want to go through hundreds or thousands of keywords, so I would like for this list to be sorted to highlight the most relevant topics found at the top of the list, such that modifying or removing them would generate the biggest impact on the resulting playlist. Alternatively, a search mechanism to identify topics would make it convenient for me to quickly locate and modify or delete those topics from consideration in the playlist generation. On top of modifying and removing topics, I would also like to manually add topics into the topics for consideration in order to customize the playlist even further. Combined, the modification, deletion, and addition of topics will allow me to fine-tune how the playlist is generated to exactly how I want it to be. In addition, these customization options could help me in creating other playlists using my own set of topics, completely separate from the reddit history, so that I can experiment with and create playlists in a fun "word play" style.

User Story 3

I want to ensure that my history in particular subreddits is not considered for the playlist. Before a playlist is generated, I should be able to insert names of subreddits that I would like to block from my post and comment history. This way I can block some of the content that I consider as unfit for generating a playlist. The content from my Reddit user profile in these subreddits should not be considered when generating the playlist. Only the content from non-blocked subreddits in my post and comment history should be used for playlist generating. There should be a list of subreddits that I have posted or commented on so that I know which subreddits I can block, preferably with some ways to sort them; such as the categories of subreddits (memes, video games, etc), number of posts/comments I have in these, recent activities, etc. I want to be able to simply click on any number of them to indicate that I would like to block them.

User Story 4

Although I want to generate a Spotify playlist based off of a reddit user's history, I also want to create playlists based off of the recent history of a community, or "subreddit", as a whole. Generating playlists based off of the activity in communities that I search for would help me to generate new music playlists that follow a certain, potentially niche pattern that I find would be interesting to listen in to. In addition, the ability to search through a particular amount of days, months, or years into the past would help to further fine-tune the results I get. In addition, I believe that creating a playlist based off of the most popular posts of the day on the Reddit website would create a unique set of songs based off of what "the internet" is thinking about today. This feature in particular would be interesting for me since I can keep using this application on a daily basis, generating brand new playlists that reflect what the world is thinking about each day. Furthermore, I believe that making this an automated, scheduled occurrence would be very convenient for me, as I would be able to reliably fetch a new playlist of songs with very minimal hassle. In addition, I can always use Spotify to save a particular playlist that I really like whilst always looking forward to the next day's playlist in any case.

User Story 5

I want to be recommended to certain subreddits based off of my Spotify listening history or based off the songs in existing playlists. The subreddits recommended to me should match the overall mood or theme of the songs in my listening history or the chosen playlist.

For my most recent listening history, I want to be able to choose the number of songs that I listened to most recently, then have a list of subreddits recommended to me based on my recent listening history. In addition, I would like to have subreddits recommended to me based on my listening habits at specific times. For example, I would like to get a list of subreddits recommended to me based on my top 10 songs of 2020, or my top 5 artists in the past 6 months. I would also be able to just insert a specific playlist and get a list of subreddits recommended to me. I get to choose the number of subreddits recommended to me each time.