

User Stories:

Log in:

As a user, I want to have some way that the website can use my Spotify account to get all my liked songs, playlists, and more. I also want this information to be ready to go every time I go onto the website. So, it would make sense for me to click a “Log In Through Spotify” button. This button is on the top right of the homepage, as a big green button, similar to the one I’m used to seeing on Spotify. This reminds me of how I can log into websites through my Google Account. Once I click this button, a new tab pops up and it asks me to sign into Spotify. I feel more safe signing into Spotify directly than putting my Spotify information on a website I haven’t used before, so I fill out my Spotify information and then click submit. The tab closes and I get sent back to the website, but now I’m at a new page.

This new page is personalized for me. I am greeted with a friendly “Hello, user!” Of course this “user” is my own name. I see a lot of information from my Spotify account ready to go, so it feels like I have to do no work at all to get on my feet for this new website. I see all the buttons I had wanted to see ready to go on this page, such as the search user bar (**See User Search Story**) where I am able to look up other users and see their information. On the top of the website are my top song and artist displayed, alongside an ai generated recommendation based on this information. Everything is clear and concise, easy to read and compare with friends. Overall this login is quick, easy, and very familiar

Search User Story:

As a user, I was able to successfully log in using my Spotify credentials (**see login user story**). There, I was then greeted with the search user bar on my profile page, and decided to look for a user I knew, one of my friends. I typed in his user name in the search bar and clicked search, where below his name was then displayed. There, the program was able to pull data from its internal database from the last time my friend logged in. I was able to see their data from when they last logged in, their top song, top artist, and most recent recommendation. Afterwards I told him so he decided to look on the website himself. After that, the next time I used the

website and searched his name the information was updated and he now had a new top song and artists that reflected the last time he logged in.

Failed Search user and logout story:

As a user, I was able to successfully log in using my Spotify credentials (**see login user story**). There, I was then greeted with the search user bar on my profile page, and decided to look for a user I knew, one of my friends. There, I typed in what I thought was their username but was met with a “User not found” message. This confused me so I texted my friend to see if I got his correct username, which he insisted I did. I looked again and I got the same error again, which frustrated me. I decided to log out, by clicking the red logout button, which then sent me back to the login page. There I asked for his password and tried to log in, but it turns out he had forgotten that he changed his username a few days ago, so his old username was not present in the database.

Generate song/mix story (Did not complete):

As a user, I was able to successfully log in using my Spotify credentials (**see login user story**). There, All my usual information was displayed, alongside two buttons on the bottom, both titled ‘Make-A-Mix’ and ‘Verse Generator’

I was first tempted to click make a mix, where it brought me to a page with a familiar search bar. I was able to search for my friends (**See search user story**), and the program pulled their playlist information from the database and created a mixed playlist from both of our databases. The program then displayed a link which, when clicked, sent us to the spotify page of said playlist. There was also a return button that took me back to the home page.

Once back at the home page, curious, I clicked the “verse-generator” button. What happened next took about 4 seconds, as the database used my preferred artists, sent it to the openai to determine my listening style, then spat out a verse in said style. The page updated and below the buttons a text bubble was displayed that showed the generated verse. While the verse was a bit corny, it was faithful to the artists I liked the most.

(Front end pages on what this feature would have looked like)



