

Overview: SpoTV is a web application that utilizes the Spotify api to create a YouTube music video playlist based on a user's Spotify playlist. The user will be able to login and create an account, customize their profile, and save their created music video playlists for later viewing. If there is no video found, then the song will be skipped. If there is time then a visualizer will be implemented (as per the first project submission), but for now we have decided that the main functionality will take priority.

Team Members:

Team Member Name	Github Usernames
TEAM MEMBER #1 Harry Hause	hhause19
TEAM MEMBER #2 Trevor Brown	trevortrev11
TEAM MEMBER #3 Ruifeng Zhang	RUI123
TEAM MEMBER #4 Anthony Boccadoro	aboccadoro
TEAM MEMBER #5 William Sattanuparp	willsattanuparp
TEAM MEMBER #6 Alex Sellers	acelery420

Github Repository: <https://github.com/hhause19/326webprogrammingproject>

Design Overview: To login and begin using SpoTv, visit the “/SpoTv/login/” page (compsci326/compsci326). Once logged in, there will be a settings drop down tab that reveals the logout button which, when clicked, links to the login page. If the password is forgotten, the user can click the forgot password button and be linked to the appropriate page to enter the associated email address with an account in the database. If the user has no account, they can create an account by clicking the sign up button and filling in the fields. After proceeding, the user is prompted to authorize the use of their spotify account on the site, but is unimplemented. When the user is logged in, they can view mock song data and playlist data on the left panel and by clicking the playlist tab in the navigation bar. When the user is able to authorize their spotify account they will be able to add playlists and interact with actual data.

Problems/Successes: Currently, the user cannot interact with actual spotify playlists, so we are dealing with mock data, but the titled playlists link correctly to the songs of that playlist. The overall login and sessions framework is working as intended, but some functionalities aren't working. For example, the user is not able to update information correctly about their account such as their email, profile picture or password.

Team Choice: We will try to implement verify email as well as implement the spotify login, and connect the spotify account to the user account. We also plan to use the spotify api to create a playlist.

Individual Writeups:

Anthony Boccadoro: I mainly worked on the writeup. I would say I contributed to about 5% of this part of the project.

Alex Sellers: I added the ability to add new playlists and update which songs you have in your playlist. 20% work

Harry Hause: I did the login, password reset, and made a signup form. Added a default user photo. 20%

William Sattanuparp: I implemented the password change form for the account info page. 10%

Ruifeng Zhang: I mostly do some fixings and revisions. I think I contribute to this part as about 5%.

Trevor Brown: I didn't contribute much to this part past discussion of ideas. I will try to play a larger role in part 4. <5 %