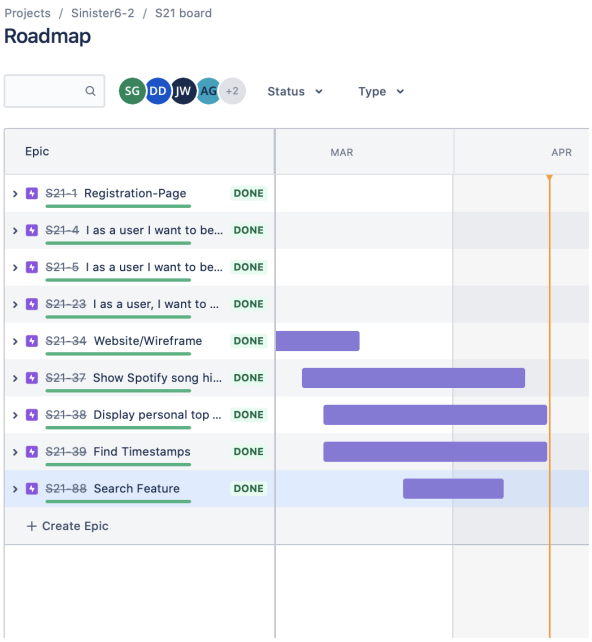
Title: SpotiTRY

Team Members: Kyra Moran, Aditya Gopalan, John Wilson, David Banda, Ethan Walters, and Sandra Griffin

Project Description:
SpotiTRY uses the Spotify API to access user's information including top songs, top artists, and listening history via tokens authenticated by the user upon login. The user must login to their Spotify account to access our application, and the SpotiTRY application comes fully equipped with routing guards that protect our users. The user's top songs and artists are displayed on our home page, allowing the user to play any of their top songs or songs from their top artists directly from our application. Our history page is a feature that was adapted by Spotify during the time when we were developing SpotiTRY and is similar in the respect that it allows the user to view recent listening history. This page includes a search bar so the user can quickly find that great song they were just listening to. Our timestamp feature is wholly unique to the SpotiTRY application and allows users to save any point in a song or podcast. The user can search for any song or podcast on our discover page, begin playing it from that page, and then hit the timestamp button to save that point in the song or podcast. The timestamp page allows the user to play a song or podcast within our application at the exact point that they saved by pulling from the saved timestamps in our database. They can also search through their timestamps using a search bar on our timestamps page. Our application is hosted on Heroku and can be accessed via spo-ti-try.herokuapp.com

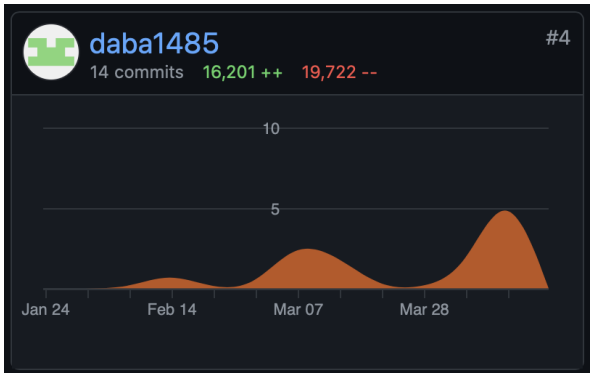
Project Tracker:
JIRA Board
https://csci-3308-spring21-group2.atlassian.net/secure/RapidBoard.jspa?rapidView=1&projectKey=S21



VCS:
https://github.com/CSCI-3308-CU-Boulder/3308SP21_section012_2

Contributions:

David - I worked on leading the team in terms of coding. I taught the members of our team how to create components in React. I worked with the backend to get all the functionality working with Firebase and the Spotify API. I made use of the React Redux and Router packages to manage state and routing inside of the app. I also hooked up all the components to the data.

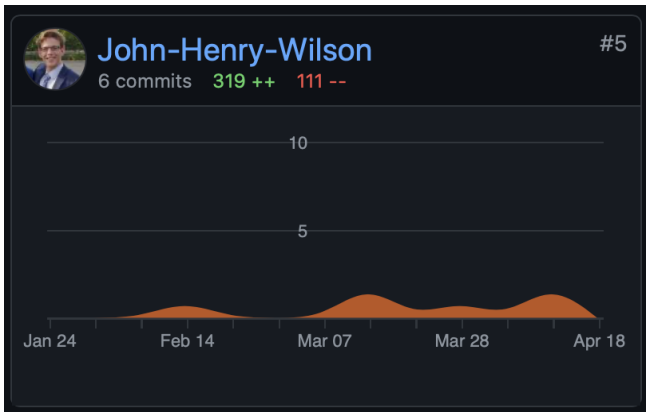


https://github.com/CSCI-3308-CU-Boulder/3308SP21_section012_2/commits?author=daba1485

Ethan - I worked on the implementation of the heroku found in the branch here. This ended up not working and David took over and finished up the implementation of it. Also I worked heavily in the testing aspect of the application. Ended up using Jest to try and test the application. Also a note on the low amount of the commits in the graph below: I tried working on a lot of other branches which usually ended up not working out and so we scraped them. This shows in a low amount of commits to the master branch.

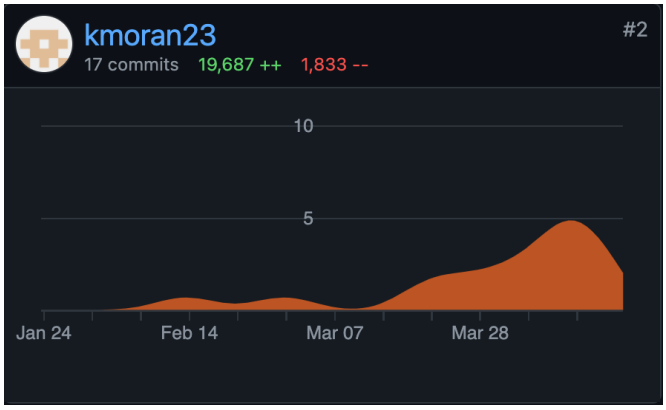
https://github.com/CSCI-3308-CU-Boulder/3308SP21_section012_2/commits?author=ethanfwalters

John - I worked on the front-end code for styling our home page using VS Code. I coded the original html and bootstrap for the homepage that was later updated by Kyra. I also wrote up one of the test plans and the project description. Throughout the semester I also worked on random administrative tasks that need to be done.



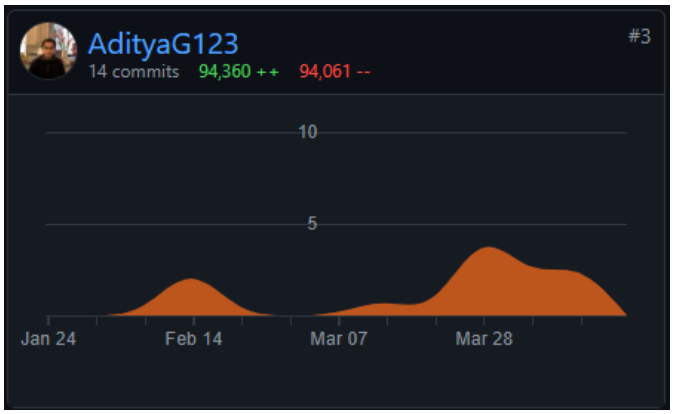
https://github.com/CSCI-3308-CU-Boulder/3308SP21_section012_2/commits?author=John-Henry-Wilson

Kyra - I mostly worked on front-end code for our project using React within VS Code. I coded the UI for our search bars and cards and also did a lot of the formatting/styling of our pages. Towards the beginning of the project, I created wireframes that showed what some of our pages might look like. Throughout the semester, I also contributed to administrative tasks such as coordinating meeting times.



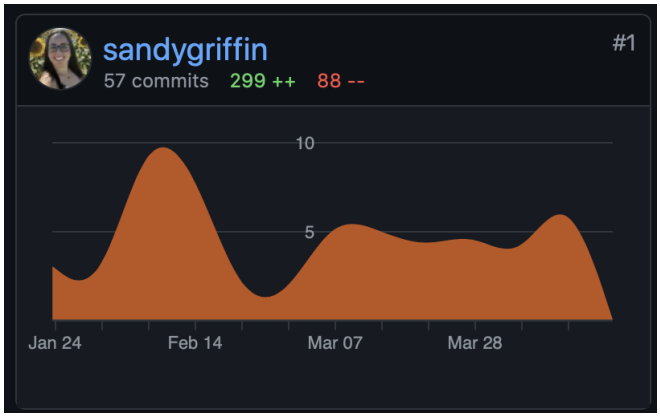
https://github.com/CSCI-3308-CU-Boulder/3308SP21_section012_2/commits?author=kmoran23

Aditya - I mainly worked on the architecture of the code as well as part of the front end design in VS Code. I was able to get the history page styled and Kyra helped make it into a proper js file to be implemented. I also worked on a good amount of the administrative stuff including the GANTT chart as well as troubleshooting anything that may have been needed in terms of testing, and back end and database setup.



https://github.com/CSCI-3308-CU-Boulder/3308SP21_section012_2/commits?author=AdityaG123&since=2021-01-24&until=2021-04-18

Sandy - I helped with the development of the architectural diagram initially and helped with coding primarily the Timestamps page through VS code along with helping with troubleshooting the styling and formatting of the Discover page. I maintained the JIRA board to stay up to date with current project progress along with maintaining administrative tasks (such as PDF uploads and timekeeping) on GitHub.



https://github.com/CSCI-3308-CU-Boulder/3308SP21_section012_2/commits?author=sandygriffin

Deployment:
http://spo-ti-try.herokuapp.com

Alternatively, to run locally just download the Spotitry folder from the GitHub repo and run with “npm install” and “npm start”.