

By

Fraser Paterson

2315720P

Sophie Boyle

2370956B

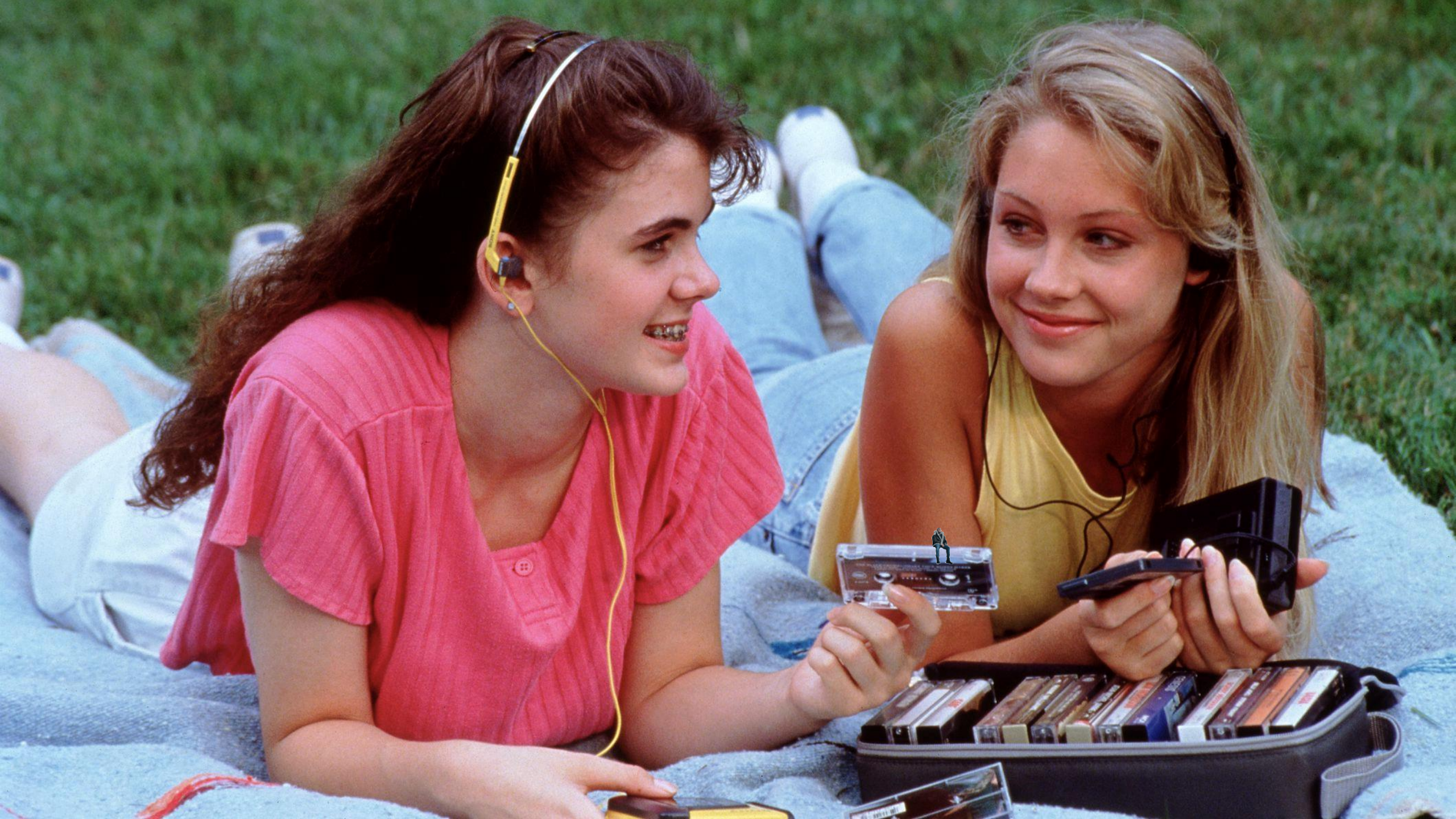
Vassilios Vogiatzis

2388317B

Sidhant Bhavnani

2482327B

Team A - Lab 12



TODAY

Messages to this chat and calls are now secured with end-to-end encryption. Tap for more info.

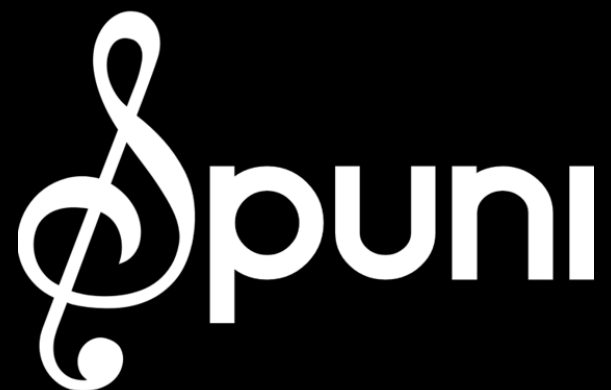
**Never Gonna Give You Up**

Never Gonna Give You Up, a song by Rick Astley on Spotify
[open.spotify.com](https://open.spotify.com/open.spotify.com)



Here's a song for you... Never Gonna Give You Up by Rick Astley
https://open.spotify.com/track/4uLU6hMCjMI75M1A2tKUQC?si=PXIMXWu_TZGe9UMxpWEikA

3:59 PM



Discover new music from your peers



Share new music that you love



Save time

Demo

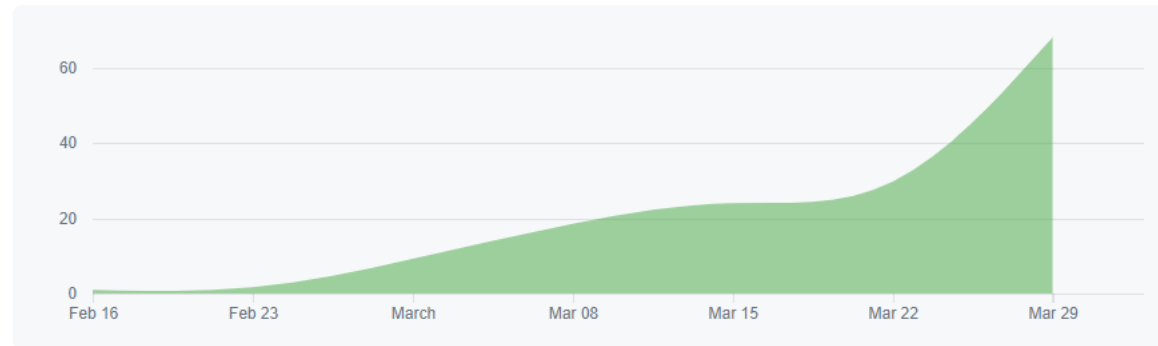
Overview of technologies used

- Django 3.0.3: Main framework for building the webapp.
- Spotipy: Wrapper for accessing the spotify API for handling authentication and using the API search functionality.
- Crispy forms: Used to create registration form, login and adding songs to the webapp.
- Bootstrap: Used to style the frontend and to make the webapp responsive.
- sqlite: Database used to store and retrieve users and songs.
- Google Fonts: Library of free licensed font families used in frontend.
- AJAX: Used to update the votes of songs without reloading the page.

Team Member Contributions

- Vassilios Vogiatzis: Majority of the front-end including CSS and JavaScript. Then afterwards ensured that the frontend was properly compatible with the backend as well as accommodate any changes.
- Fraser Paterson: Worked mainly on the Front end, including, CSS styling, HTML templates, Image Sprites and made the website responsive.
- Sophie Boyle: Did most of the backend work, including, views, forms, models, helper functions, unit-tests, population script, urls, settings, admin panel, first draft templates, and pythonanywhere porting.
- Sidhant Bhavnani: Worked on the Spotify API integration into the webapp and setup the development environment.

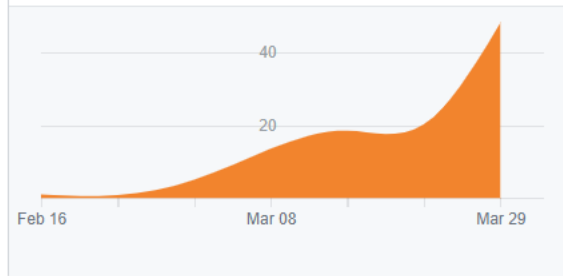
Contributions to master, excluding merge commits



sophieboyle

#1

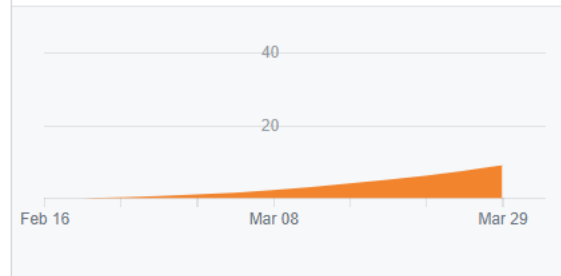
101 commits 2,428 ++ 999 --



OxVassilios

#2

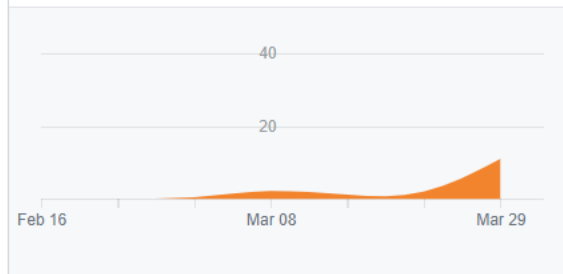
22 commits 1,426 ++ 709 --



Frazz3l

#3

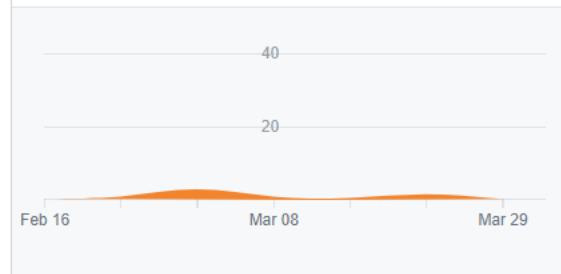
15 commits 255 ++ 164 --



scholaronroad

#4

6 commits 572 ++ 38 --



Things we'd have liked to implement

- User playlists.
- Ability to add songs to our spotify playlists.
- Comments.

Thank You!

Description

- The objective of our application is to compile a global user playlist, consisting of the top voted songs. Individual users will be allowed to search for, add and upvote songs.
- Users will also have a personally-compiled playlist available on their profiles, consisting of the songs that they have personally upvoted.

PythonAnywhere

- <http://sophieboyle2370956b.pythonanywhere.com>
- Present app