Back2Life

An implementation of an online music playlist service
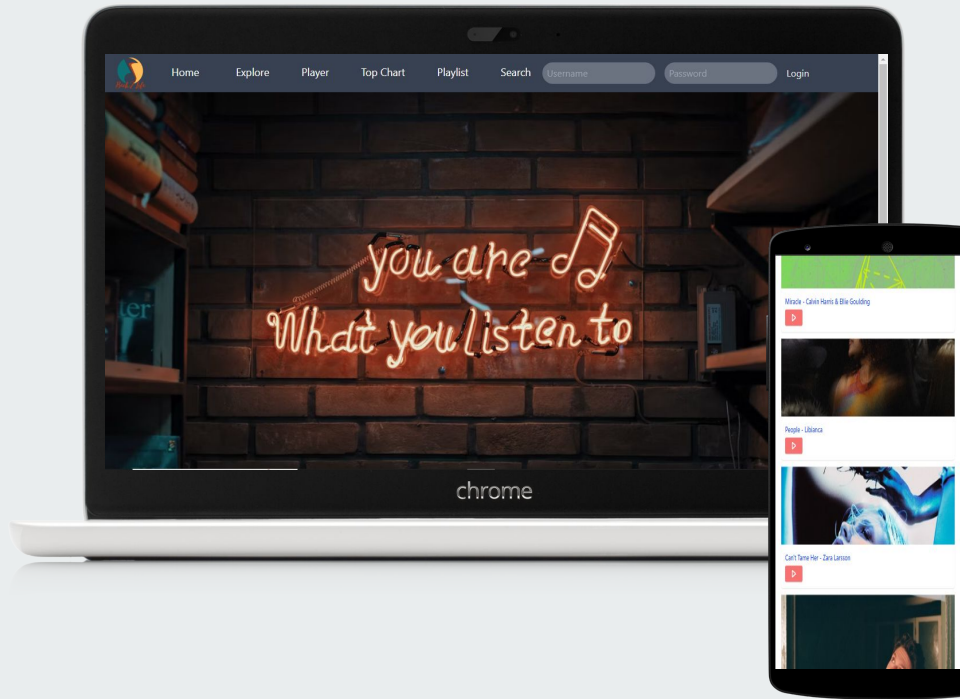
Group 19
Oyewumi Afolabi
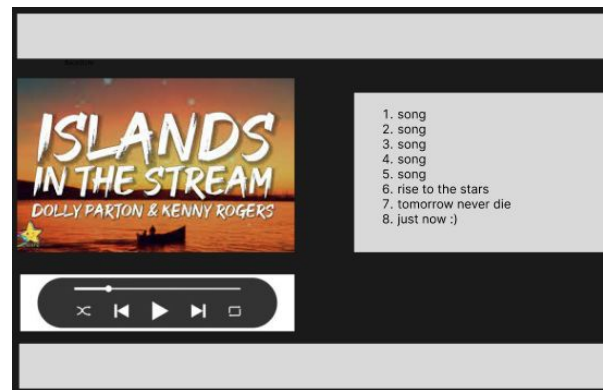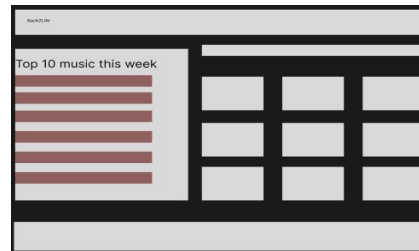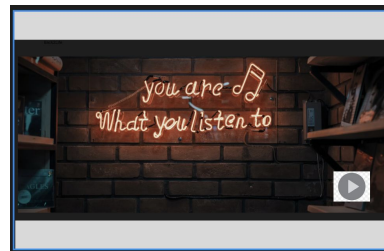Sumbal Khan
Daniel Rodríguez
Jozef Elias

Outline

Elevator Pitch

Concept

Create an online Music Playlist App.

Gain experience developing a website, starting from a given UX/UI concept, and implementing an MVP using rapid prototyping frameworks.

Process

As a Web App User, I want to look up songs, artists, albums and genres, so I can create personalised playlists and group them into categories.

➜   It's done when I can search by songs, artists, albums and genres.

➜   It's done when I can see the detailed info of songs, artists, and albums.

➜   It's done when I can create personalised playlists and save them in bookmark categories.

➜   It's done when I can play the preview of the tracks.

Homepage

➔ As a Customer,
   I want to see the navigational sections of the website,
   So I can access the different sections.

➔ As a Customer,
   I want to get quick access to the explore songs section,
   So I can start searching for songs to add to my playlist.

Explore page

➔ As a Customer,

I want to search for songs,

So I can listen to them

And include on my personal playlist..

Player page

➜   As a Customer,
    I want to navigate playlist,
    so I can listen to songs.

    .

Top Chart page

→ As a Customer,
I want to see the top ten songs of the week,
So I can listen to them
and add the tracks into my playlist.

Playlist page

➜ As a Customer,
I want to be able to add/remove songs,
So I can modify the order of the tracks on my playlist.

Technologies used

- ➔ Semantic HTML5 markup
- ➔ CSS custom properties
- ➔ Flexbox
- ➔ CSS Grid
- ➔ Mobile-first workflow
- ➔ React.js
- ➔ React Redux

- ➔ Tailwind CSS
- ➔ Tailwind Elements
- ➔ Font Awesome 6
- ➔ Google Fonts
- ➔ Express.js
- ➔ Shazam API

Project Planning

Breakdown of tasks and roles

➜ Oyewumi Afolabi
  ◆ Homepage
  ◆ Listing page

➜ Sumbal Khan
  ◆ Footer

➜ Daniel Rodríguez
  ◆ Music playlist player
  ◆ Search page

➜ Jozef Elias
  ◆ Header

Challenges

➔ Find a mock up API with songs.

➔ Limited monthly quota of request to the chosen Shazam API.

➔ Find Tailwind Components for free use.

➔ Learning curve to develop in React.js and Redux.

Successes

➔ Implementation of the responsive header and footer.

➔ Integration of Shazam API for searching and listing song tracks.

➔ Implementation of the player feature.

➔ Implementation of personalised user's playlist feature.

➔ Implementation of the navigation of playlists with the player.

Demo

Next Steps

What's next?

➔ User profile feature for personalised user experience

➔ Allow sharing songs in social media

➔ Link to the online stores to allow song purchase

➔ Automated testing of existing features

Questions?

Back2Life links

➔ **Solution URL:** https://github.com/technoveltyco/back2life-music-playlist-app

➔ **Live Site URL:** https://back2life.netlify.app/

➔ **KANBAN Dashboard:** https://github.com/users/technoveltyco/projects/8