Exam

The purpose of the Exam is to test your ability to create simple React-Redux application combining what you've learned in the course. The exam will test your ability to create class components, functional components, forms, the ability to handle state and use Redux to move state to a centralized location.

Requirements:

You are asked to do a simple Spotify sort of clone application.
The application needs to support the following functionalities:

- Searching songs
- Displaying songs search results
- Displaying the top songs sorted by their rank
- Creating a playlist
- Viewing a playlist
- Adding a song to a playlist
- Listing the available playlist in the sidebar

What's provided:

In the course repo https://github.com/william-abboud/tech-huddle-react-redux-course-v1

Download the Exam folder:
https://github.com/william-abboud/tech-huddle-react-redux-course-v1/tree/master/Exam

It contains the scaffolding-folder
https://github.com/william-abboud/tech-huddle-react-redux-course-v1/tree/master/Exam/exam-scaffolding

Which is the template you will use for the exam.
In the src/js/data folder you will find songs.js file. That's sample data.
Use this structure and add more objects or information should you see fit to display the songs information.

```
{
    title: "Lose yourself",
    artist: "Eminem",
    image: eminem,
    rank: 1,
    id: 1
}
```

The title prop points to the name of the song.
The artist prop points to the name of the artist singing the song.
The image prop points to path of the image imported via webpack (see example in file).
The rank property is meant to represent the popularity of the song. The lower in rank (above 0) the higher the popularity. Rank 1 is most popular song.
The id property is useful because it identifies the song.

I've only added a couple of songs but if you wish you can add more. I believe this much data is sufficient for the application to display its functionality.

In the Exam folder you will also find the Results folder.
https://github.com/william-abboud/tech-huddle-react-redux-course-v1/tree/master/Exam/Results
Which contains sample images of what your final application functionality will/can look like.
The image file names can give you hints for components or views and also sample look at your application's state.

Good luck and DO NOT hesitate to send me emails and ask me questions.

William

william.abboud6669@gmail.com