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Activity 5

CST-239

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Project GitHub Link: <https://github.com/JasonHatfield/CST-391/tree/Activity-5>

# Part 1

A screenshot of a music album

Description automatically generated with low confidenceA group of white crosses in a field

Description automatically generated with medium confidenceA group of men crossing a street

Description automatically generated with medium confidence

# 

A screenshot of a computer screen

Description automatically generated with low confidence

Figure 1 App.js

A screen shot of a computer code

Description automatically generated with low confidence

Figure 2 index.js

A picture containing text, screenshot, software, multimedia software

Description automatically generated

Figure 3 Card.js

A screen shot of a computer screen

Description automatically generated with low confidence

Figure 4 index.html

## Summary

In this lesson, I was introduced to the concept of creating a React Music App by utilizing custom components, properties, and the Bootstrap CSS framework. I explored how to set up the project structure, implement components, and pass properties (or props) to components for better reusability and flexibility. I styled my app and created a visually appealing interface by leveraging Bootstrap CSS's power. New terminologies, such as custom components, props, and Bootstrap, were introduced and demonstrated in the context of developing a simple yet effective music application. This foundational knowledge will help me to create more complex and feature rich React applications in the future.

## Counter App

# A screenshot of a chat Description automatically generated with low confidence

Figure 5 Counter Program

# Part 2 A screenshot of a music album Description automatically generated with low confidence

Figure 6 Executed Program

## Summary

This lesson taught me how to create a React Music App by utilizing custom components, properties (props), and the Bootstrap CSS framework. I set up the project structure and implemented components such as `App` and `Card.` I passed props to components to enhance reusability and flexibility. By incorporating the provided code and addressing issues related to React 18, such as using `createRoot` instead of `ReactDOM.render,` I ensured compatibility with the latest React version. Styling the app was made easy by leveraging the power of Bootstrap CSS. This lesson expanded my knowledge of custom components, props, and Bootstrap, enabling me to build visually appealing and feature-rich React applications in the future.