**Activity 4**

Noah Funderburgh

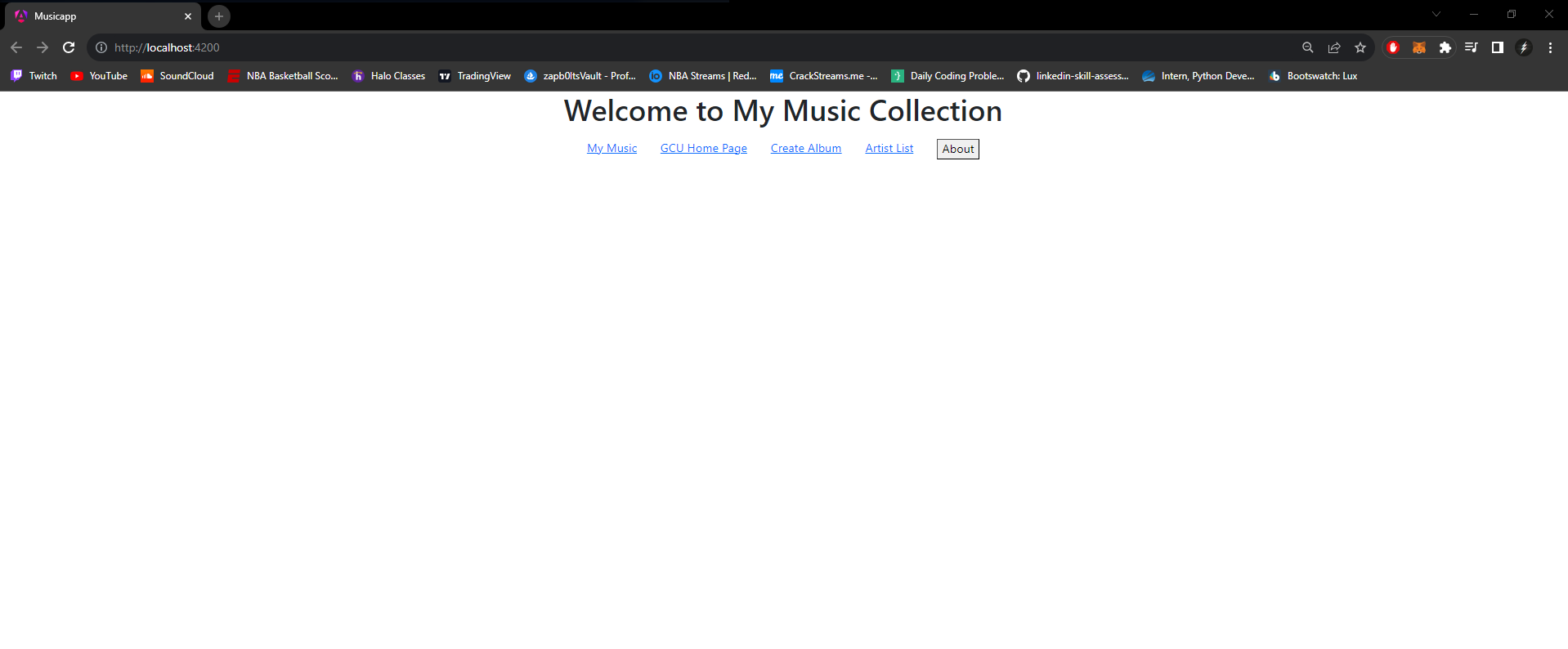
Grand Canyon University

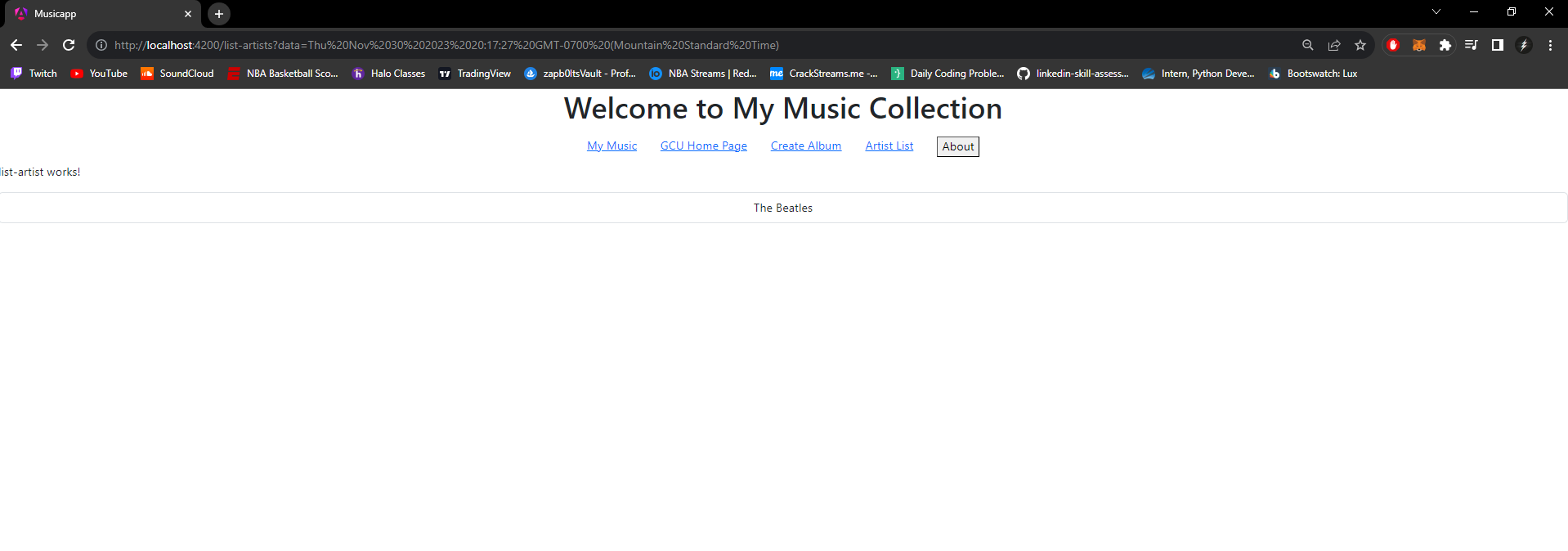
Course Number: CST-323-O500

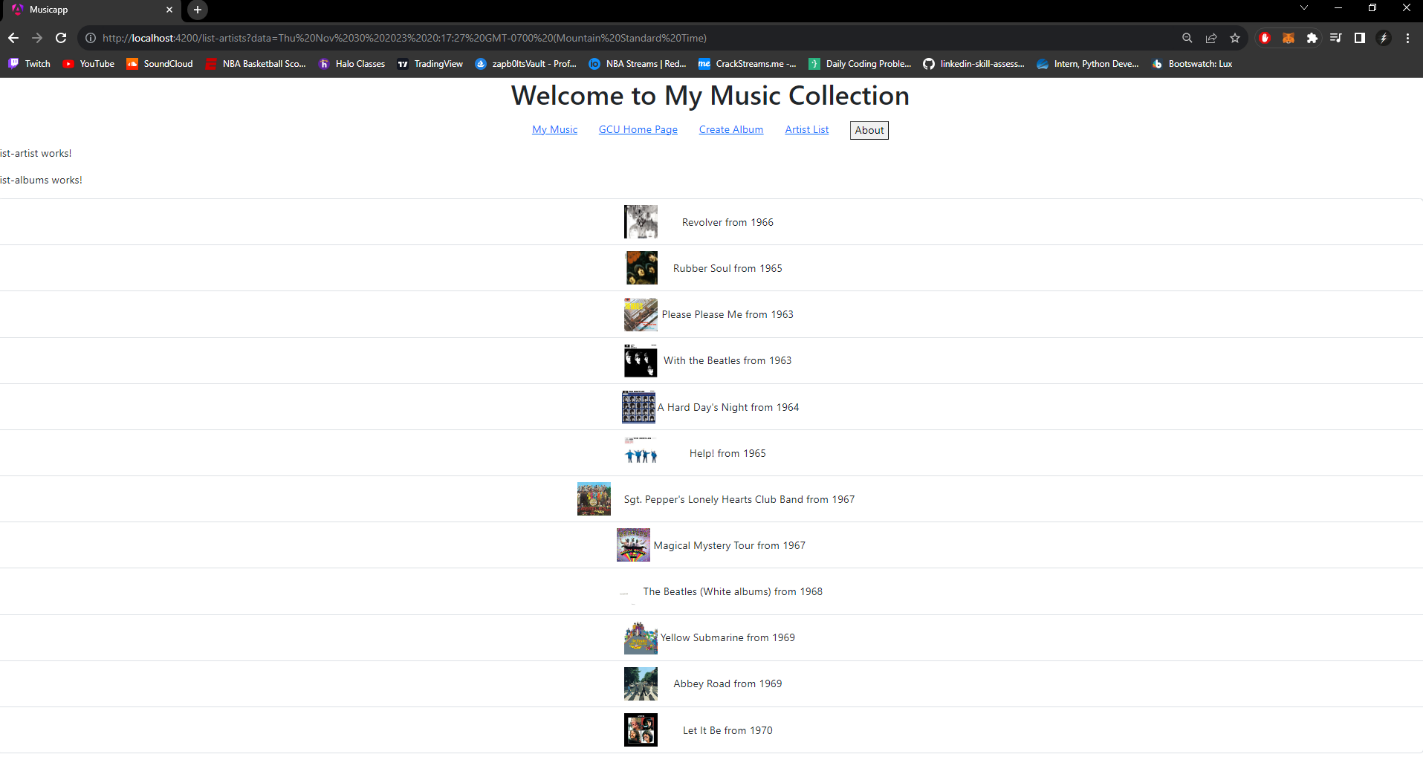
Jason Jazzar

12/03/2023

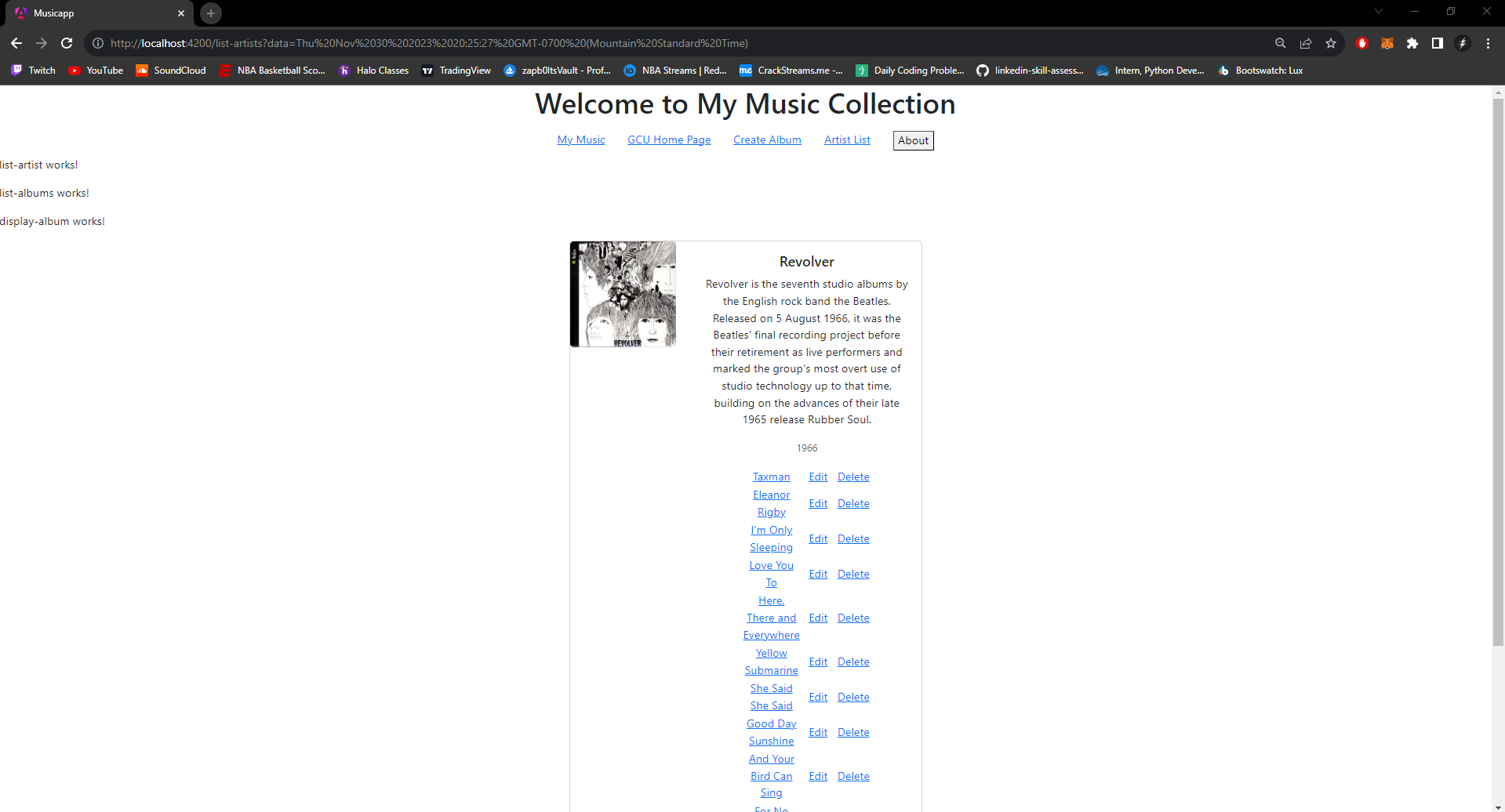
**Main Application Screen**

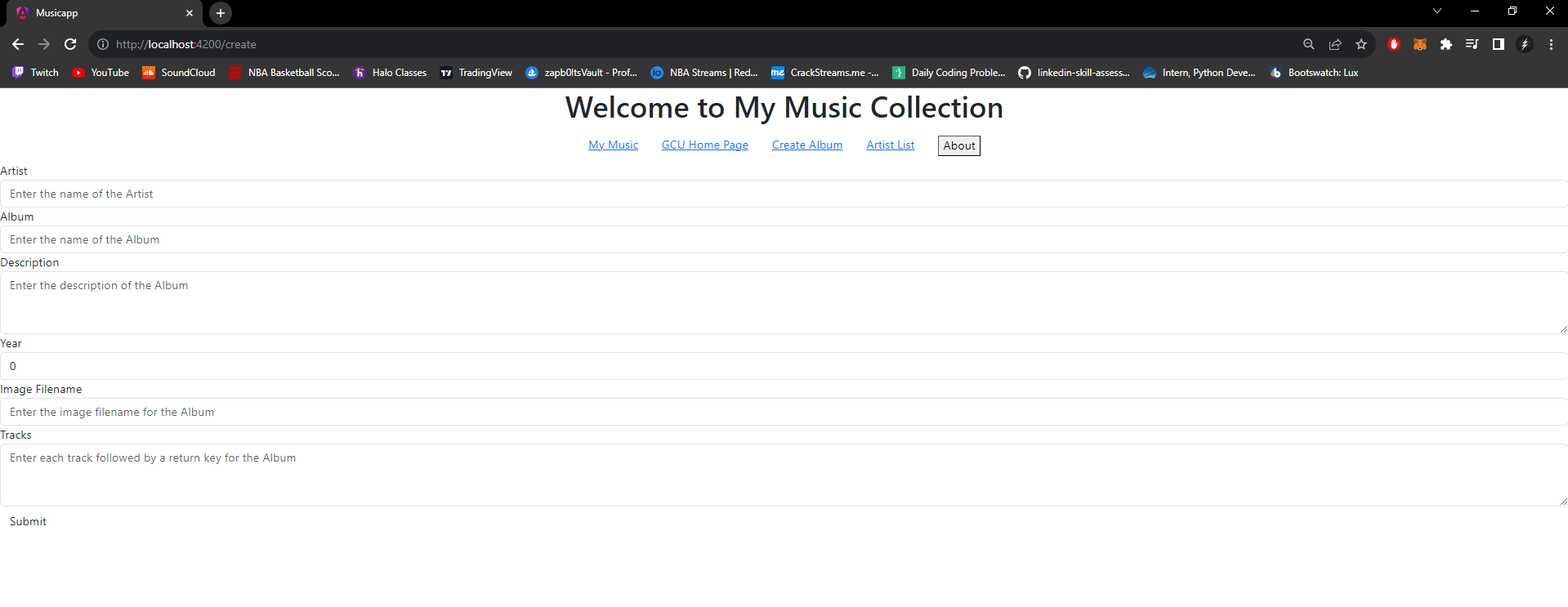
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**Artist List Screen**

**Album List Screen**

**Album Display with Tracks Screen**

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**Add Album Screen**

**Research Questions**

1. Research how an Angular application maintains a logged in state. How does it communicate this state to the server?

One approach to maintain a logged in state within an angular application is to use a token-based authentication. When a user logs in it with a valid username/password it will send a http post to verify authentication. Once verified the server will generate a json web token which is used to verify authenticity. The angular application receives and stores it securely and process it accordingly as needed.