

BeatsPM

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Description

BeatsPM is a music forum built to give users the ability to connect with likeminded users concerning music and the genres. We provide them with the ability to share music and talk about it.



Features

- Post Administration (CRUD posts)
- Add Comments to posts (CRUD as well)
- Share YouTube Videos (using any youtube link)
- Search Feature (Search all posts via name or content)
- User Authentication (login encryption via JSON Web Token)



Planning - User Stories

- As a user I would like to create posts, to share information with everyone on BeatsPM.
- As a user, I would like to search for posts, so I can see what was mentioned using that prior keyword for information.
- As a user I would like an account so who I communicate with via posts online will know who I am when speaking again.



Planning - Database

Tables: Posts, Comments, Users, User Roles, Roles

Comments -> Posts: Many to One

Comments -> Users: Many to One

Posts -> Users: Many to One

Roles -> User Roles: One to Many

User Roles -> Users: One to One



Technology Stack

- Java & TypeScript
- Spring & Angular 12
- Bootstrap
- MySQL
- JSON Web Token Authentication Encryption



Demo



What I Learned

- I learned a ton of ways to connect to and build an API with both frameworks(Spring & Angular)
- I learned how to use JSON Web Token for encrypting user data.
- I learned how to use JSON between the front-end and back-end using different languages.



What's Next

- Another feature
- Maybe snazzing up the UI
- Learning something else new!

