

Music Collection Library

Melinda Surmeier
@CodeGirl78 on GitHub

Description

Music Collection Library is a web application that allows users to create and update their very own music library.



Features

- Custom Authentication for user sign-up, login, and logout
- Add Albums
- Delete Albums
- List Albums
- Search Albums



Planning - User Stories

- Users are able to create an account that they login and out of
- Once logged in, user can:
 - Add Albums with: artist's first name, last name, group name, album title, genre, and format
 - Delete Albums
 - List Albums
 - Search Albums



Planning - Database

- A user table that stores usernames and their hashed passwords
- A table that stores album information (including artist's first name, last name, group name, album title, genre, and format)



Technology Stack

- Language: C#
- Framework: ASP.Net5
- Template engine: Visual Studio 2019
- Database engine: MySQL



Demo



What I Learned

- Better understanding of MVC practices
- How to update a connection string to a newer version (as I did for my version of MySQL combined with ASP.Net5)
- How to import a .csv file into an existing database



What's Next

- Improving UI
- Adding song titles
- Added additional music formats (such as downloaded mp3 music files music files from I-Tunes)
- Further organizing my collection by incorporating movies (such as DVD and VHS tapes) to make it a media collection

