

goodmusics

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@SnowCrashOverride on GitHub

Description

I love to keep track of the books I read and movies I watch on sites like goodreads and letterboxd. There isn't a good tracker out there for music, which is why I made goodmusics. Users can rate, review, and track the albums they listen to, and view other users' music.



Features

- Adding an album listened to with cover art, rating, and date
- Viewing all albums or individual user's albums
- User signup, password-protected login/logout



Planning - User Stories

Album cover art - users can link an album image, it is tied to the album and appear on a grid

Date - a calendar function helps the user record the date an album is listened to



Planning - Database

User table - includes user ID, username, and password for login/logout, viewing other user's albums, and retrieving a user's music

Music table - contains each album's ID, title, artist, cover image, rating, and date listened to



Technology Stack

- Python
- Flask
- Bootstrap
- MySQL
- HTML, CSS



Demo



What I Learned

- How to create new tables using MySQL and store multiple types of information in them
- Utilizing Bootstrap for new CSS styling to achieve better functionality and presentation
- Using Flask and Python to create a new classes to save and view images and HTML information



What's Next

- Integrate a five-star graphic system to store and retrieve ratings
- Associate artist information to create new database of artists
- Introduce scraping capability so user can search for album/artist within the add album form

