

Music Database

Team Members

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Introduction

Since music is a common ground between many people, consumers need a database of music to be able to share with their friends. It would be exceptionally convenient to have a place where users can rate music and others can view all the music they've rated. In addition, users will be able to view songs and how other users have rated songs.

Core Features

- Landing Page
 - Guides the user through the website, explaining how the website works
- Top Music List page
 - List of music that has been reviewed well by other users, able to be sorted or searched through by genre
- User Profile
 - Created when a user creates an account. Displays a user's rated music, showing each song's name, album, genre and a picture of the album cover.
- Modular code
 - The data-related code for each entity (users, songs, ratings, etc.) will be separated into modules.
- MongoDB Database
 - User info, ratings, songs, etc. will be stored in the database and queried when prompted.
- Client-side JS + AJAX Form Submissions
 - Rating submissions and profile edits can run background AJAX requests, which will also be used for client-side input validation.
- Error Handling
 - Report user/validation errors to user; 5XX errors will log to stdout for analysis and respond to the user with an error code.

Additional Features

- Favorite Song Storage
 - Add a feature that saves songs user marks as favorite into a separate page linked to the given users account
- Friends Page

- Allows users to add other users as friends and lets them see their friends activity (i.e. favorite songs and any songs they have added reviews for recently)

Github

<https://github.com/PramukhNadig/CS546GroupProject>