An Interactive Movie Database

Elizabeth Davis

Dynamic Web Applications

Professor Valerian Anderson

**Project Overview**

For my final project, I would like to create an interactive movie database, where a user can manage, edit, and review movies that they add. The purpose of this database would be for a user to keep track of movies that they want to see, and review movies that they have seen. It would be for personal use, similar to a ‘to-do list’ for movies.

**Functionality**

Add a movie: User starts by searching for a movie title. A list of matches will appear, and the user can select which movie to add to the database. Once added, the user is prompted to return to the main menu to complete another task.

Edit a movie: User can view the movies currently in the database and can edit an entry if they wish. After editing, the changes are saved and the user returns to the main menu.

Review a movie: A user can add their personal review of a movie to the database. These are their ‘personal notes’ on the movie. After the user is finished reviewing a movie, they can review another movie or go back to the main menu.

Delete a movie: If a user wants to remove a movie from the database, this is where they can delete it. After deleting a movie, the user can delete another movie or return to the main movie.

View Movies: A user can view the movies in their database with this feature.

**Technical Specifications**

This project will be coded in Ruby, using HTML and CSS stylesheets. The database will use SQLite for adding, editing, deleting, and viewing the elements of the database.

The database will contain the following attributes:

ID | Title | Year | Rotten Tomato Rating | Personal Review

**Wireframes**

Welcome to your Personal Movie Database!

Movie database is shown here

Confirm what user wants to delete

Are you sure you want to delete \_\_\_\_\_\_\_?

Yes

No

**Delete a Movie**

**Add a Movie**

*Enter movie title to delete…*

*Delete a movie*

*Add a movie*

*Main Page*

Return to main

Movies that match your search appear here

Search

*Enter movie title…*

Delete Movie

Review Movie

View Movies

Edit Movie

Add Movie

**Site Map**

SAVE REVIEW

WRITE REVIEW

SELECT MOVIE

SELECT MOVIE

VIEW DATABASE

MAIN MENU

RETURN TO MAIN

VIEW MOVIES IN DATABASE

DELETE MOVIE

CONFIRM DELETE

EDIT & SAVE

SELECT ENTRY TO EDIT

SEARCH FOR MOVIE

ADD TO DATABASE

VIEW

DELETE

REVIEW

EDIT

ADD