Documentation for Mini Project

Once you open the application, you will see the login page which is an dxml file saved as 'main.fxml', on the login page you can either log in or register.

Register

To register you have to enter all your data in the text boxes provided and then click on the 'Register' button. When you click on it, every typed in the text boxes will be saved as a new user in the 'User' object.

Login

You have to type in a username and password and then click on the login button. When you click on this button, the program goes through all the saved users and checks if it matches any of them. If there is a match, the 'movie.fxml' page shows up and if there is no match, the login button does nothing.

Logout

Clicking on this button takes you back to the 'main.fxml' page where you can either log in or register.

Show Movie

Clicking on this button show all the movies that are saved on the 'ratings' list(the rating list is gotten from all the movies stored in the CSV file)along with Its movieID and its rating.

Delete Movie

This button removes the movie with the movieID that matches the ID that was typed into the textfield beside the delete movie button. The movie is removed from the list of all the movies and then the new list of movies is displayed in the text area.

Sort With Ratings

This button sorts all the movies in the text area according to their ratings in descending order.

Add Movie

This adds a new movie to the movie list by getting what was typed into the title textfield and the rating textfield, a new movieID is generated as a number higher than the highest movieID and saved into the new movie.

Rate Movie

Clicking the rate movie button gets the ID and rating from the textfields by the left of the button, the new rating is then added to the total rating multiplied by the number of people that had rated it and then divided by the new number of people that have rated it(that is including you) and then the new rating replaces the old one in the text area.

Save Ratings in File

This saves all the movies in the ratings list to the 'movies' CSV file.

Search

Clicking on the search button compares what has been typed in the search for movie textfield with the movies. All the movies that contain(not case sensitive) what has been typed in the textfield is then shown in the text area.