Project Iteration 3

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Functionalities in the client side of the project

Besides some basic unchanging html elements, all elements were created by manipulating the DOM in project.js.

The functions used in project.js

|  |  |  |  |
| --- | --- | --- | --- |
| Function | Parameters  (type) | Description | return |
| goToHome | none | Clears the movie list currently displayed and replaces it with the movies from the home page | none |
| goToList | none | Clears the movie list currently displayed and replaces it with the movies from the user’s movie list | none |
| listIntoString() | (array) | Function Converts a list of strings into a single string where each element is separated by a comma and space | string |
| signUpFunction() | none | Function obtains values entered into the sign up form and passes them into the sign up function from the backend api | none |
| loginFunction() | none | Function obtains values entered into the login form and passes them into the login function from the backend api.  Refreshes page after submission | none |
| isLoggedIn() | none | Checks if there is a user token stored in the local storage of the app and returns a Boolean indicating if there is a user logged in. | Boolean |
| logoutFunction | none | Function logs the user out of the application and reloads the page | none |
| getMovies | none | Requests a movie list from the tmdb api, and transforms it using the movieTransformer Function. | array |
| movieTransformer | Array | Function takes in an array of movies and requests more information from the backend and returns the new list. | array |
| generateMovies | array | Loops through a list of transformed movies that has been passed to it and creats html elements using the makeMovie function | none |
| makeMovie() | (object) | Takes in a movie object and transforms it into html elements and appends them to the document to make a movie card. | none |
| isInList | integer | Takes a movie id and compares it to movies in the user’s list. Returns true if movie is in list | boolean |
| addMovieFunction | integer | Takes in a movie id and adds that movie to the user’s list | none |
| removeMovieFunction | integer | Takes in a movie id and removes that movie from the user’s list | none |
| createLoginForm | none | Creates the login form by creating and appending html elements to the DOM | none |
| removeLoginForm | none | Clears the menu of any forms | none |
| createSignupForm | none | Creates the signup form by creating and appending html elements to the DOM | none |
| switchToLogin | none | Functions that switches to the login form by clearing the current form using the removeLoginForm and creating the login form using the createLoginForm function | none |
| switchToSignup | none | Functions that switches to the sign up form by clearing the current form using the removeLoginForm and creating the login form using the createSignupForm function | none |
| searchFunction | none | Function that collects the input from the search bar and retrieves a list of movies that matches the searched term. It then clears the movies displayed and loads the new list of movies with the generateMovies function | none |
| Init | none | Checks if there is a user logged in using the isLoggedIn function and generates the user interface that is applicable if the user is logged in. If there is no user logged in, it would generate the login form as well as generate a message telling the user to login to use the application. | none |

A screenshot of a video game

Description automatically generated