360 Project

Description of Project

For our project, we decided to make a blog website where users can post reviews of their favourite movies. Users are able to interact with each other by liking, saving, and commenting on other users’ blog posts. The website has a 2-column layout, which can be seen on the home page, the movie pages, and the user’s profile page.

There are various movies that are already on the website for users to post about, which can be found through the “recent movies” navigation tab or the “genres” navigation tab. The genre section has a wide selection of genres in which the movies are organized into. When a user clicks on a movie, they are brought to that movie’s page which displays the blog post reviews, as well as a description of the film and some facts about it on the side of the page, including director(s), actors, awards the film won (if any), box score (if any), and release date. Users are able to add movies to their watchlist, like and save posts, and comment on posts. All of a user’s liked and saved posts will then be visible on their profile page along with their own posts and their top movies. If a user wants to write a review for a movie, they must be logged in.

On the main page, users can view the top blog posts, as well as see the top box office movies on the side of the page which have a box office score underneath them. Advertisements are also showing along the right side of the page. When clicked, the user is redirected to the product’s website in a new tab. This ensures the user can remain on our website while viewing the product they are interested in, so they can easily return to their blog experience. This page also shows a welcome message to the user after they log in (“Hello, \*username\*!”) which is visible regardless of how far down they scroll on the page.

When a user registers for a new account, they are immediately redirected to the login page if registration succeeds. Then, if their login information is correct, they are directed to the home page of the website. If there are errors in either the user’s registration or login forms, the forms will not submit, and error messages are displayed which prompt the user to try again.

On the user’s profile page, they can view their liked and saved posts, see what they have on their watchlist, see their top-rated movies, and see their profile picture. This page is only visible once a user is logged into their account. Otherwise, they only see the “Home,” “Recent Movies,” and “Genre” navigation tabs.

Admins are given a unique admin code which enables them to have more functionality than regular users. Admins are able to enable and disable users as well as edit and remove posts and comments. This is useful if users are being disrespectful in any way.

Requirement List

This is a requirement list of what our website does.

* 2-column layout
* Navigation links change colour on hover and have a black bottom border if it is the page that is active
  + Navigation links do not move as the user scrolls through each page
* Breadcrumbs to tell users where they are in threads
* Responsive design philosophy
* Users are able to browse blog posts and reviews without registering, but they cannot write a blog post unless they are logged into their account
* A user can register for an account by providing their name, username, email, image, and password
  + If the username or email is already in the database, registration fails, and the user is asked to try again
  + If the user already has an account, they can click a link to be redirected to the login page
* JavaScript form validation to make sure user input is correct and is in line with the database tables
  + If password and “repeat password” sections do not match, user is prompted to try again
  + If form entry boxes are empty, user is prompted to try again
* Security for user’s information
  + Prepared SQL statements to prevent against SQL injection
  + Password encryption using md5() method
* Users can comment on posts, like and save blog posts, as well as “add to watchlist”
* Blog posts are organized into their movie title and genre(s)
* Users can post, save, like, comment on, and add a movie review blog post to their watchlist *only* when logged into their account
* Posts and comments have their date information attached
* User’s login state is maintained regardless of where they are on the site
  + If the user is logged in, they see a “logout” button on the top of the page, as well as a “profile” navigation tab
    - When logged in, a user can edit their profile
  + If a user is not logged in, they see “login” and “register” buttons on the top of the page, and the “profile” navigation is not visible to them
* On each movie’s page, the right side displays movie facts including director, actors, box office score, awards won, release date, and a description of the movie
* All movies, reviews, advertisements, and user’s information are stored in the database which is updated with new inputs from users
* User password recovery via email
* Admin can edit and disable users
  + Admins are given an admin “code” which separates them from regular users who register for new accounts
* Activity by date
* Users can view and edit their profile