Web Engineering Lab 08

Submission Details:
Submit to: assignmentsubmission19@gmail.com
Deadline: Saturday November 28, 2020 (11:59 PM)
Subject: **Web Lab 08**

Problem 01:

1. Create a To-Do List App using ReactJS. Initially, when your app will look like this with no list item added.

To Do Tasks 0

2. One a user types something in the textbox and then presses the "Add" button, a new item must be inserted below the "To Do Tasks" heading. For example:

To Do Tasks 1

- Learn React

3. Note that when a new task is added, count of tasks is also incremented.
4. When a user adds multiple tasks, these tasks must be appended to the existing list. For example:
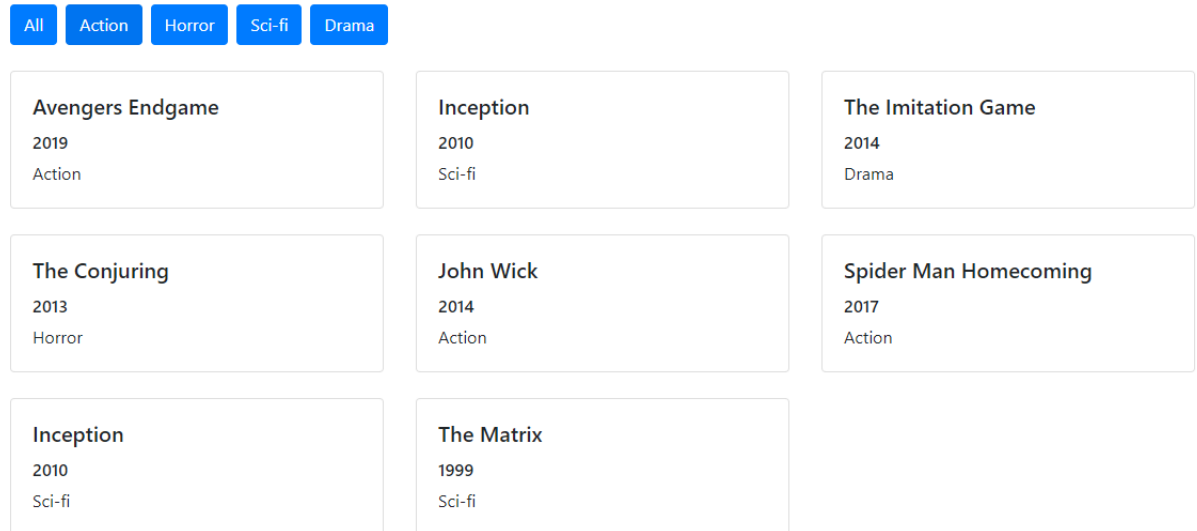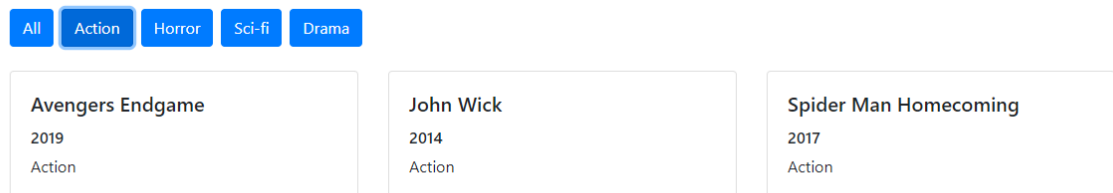

To Do Tasks 3

- Learn React
- Complete Web Lab 08
- Get A+ in Web Lab

Problem 02:

1. You are provided a .js file named "movies.js". This file contains an array of movies and an array of genres. Use these two arrays and construct the following page using ReactJS:

2. In the above picture, buttons are created by iterating the "genres" array and movie cards are generated by iterating over "moviesList" array.
3. In this task, you are required to implement a filtering behavior, that will filter the list movies according to the button clicked. For example, if a user clicks the "Action" button, the movie cards must be updated and the movies having genre "Action" only must be displayed. Example: After clicking "Action" button, your webpage must look like this:

4. This filtering must be performed on all respective buttons. When a user clicks "All" buttons, then all movies in the array must be displayed.
5. In the above screenshots, Bootstrap is used for styling.