

Homework 6

CSCI 571 Spring 2021

Grading Guidelines

Graders will test your homework on **Firefox** and **Chrome**.

Total Points: **10**

Home Tab (2 Points):

- The color of the Home tab should be in red when active and the Search tab should be in white **(0.25)**
- Trending Movies slideshow
 - Slideshow displayed properly (repeating slideshow is optional). **(0.25)**
 - Data collected and displayed without any errors from the backend. **(0.5)**
- TV Shows On Air slideshow
 - Slideshow displayed properly (repeating slideshow is optional). **(0.25)**
 - Data collected and displayed without any errors from the backend. **(0.5)**
- Title Bar and Footer- displayed as shown in the HW description. **(0.25)**

Search Tab (1.25 Points):

- The Search tab should be in red when active and the Home tab should be in white. **(0.25)**
- Validation of Search fields for the input. **(0.5)**
- “Clear” button clears the input textbox and all the search results. **(0.25)**
- On clicking the “Search” button on valid input, the page maintains the input values. **(0.25)**
- Failure to handle the case when the TMDB API returns no matching result, 0.5 points will be deducted.

Search Results (2.75 Points)

- The card should be displayed similar or identical to what is shown in the HW description. **(0.5)**
- Movies/TV Show filter working properly. **(1.0)**
 - If the Movies or TV Shows filter is not working properly, 0.25 points will be deducted for each.
 - If the Movies and TV Shows filter is not working properly, 0.5 points will be deducted.
- The information on each card should be displayed correctly. **(1.0)**
 - For each missing or wrong information, 0.25 marks will be deducted.
- Placeholder images when actual images are not present. **(0.25)**

Movie/TV Show Details Popup (3 Points):

- The backdrop picture, title, year, genres, ratings, overview, and spoken languages displayed as shown in the HW description. **(1.0)**
 - For each item not displayed correctly, 0.25 points will be deducted.
- The Cast displayed as shown in the HW description. **(1.0)**
 - If the image of an actor is not present and it is not replaced with the placeholder image, 0.25 points will be deducted.
 - If the text below each picture is not displayed as shown in the HW description, 0.25 points will be deducted.
- For reviews, the username, date, rating (if present), and content of the review should be displayed as shown in the HW description. **(1.0)**
 - For each item not displayed correctly, 0.25 points will be deducted.

IMPORTANT:

- You should not call any TMDb APIs directly using JavaScript other than your Proxy Server APIs. Doing this will result in a **4-point penalty**.
- If jQuery is used, **4 points will be deducted**.
- You should implement HW 6 using Python and Flask.
- You should deploy HW 6 on AWS/GCP/Azure cloud server. Otherwise, **3 points will be deducted**. This will be verified with an additional link in the Table of Homeworks under HW 6, showing a sample API call to your “cloud” service and verifying the corresponding JSON result.

Source code submission:

On your course homework page, you must update the HW6 link to refer to your new HW 6 home page. Also provide an additional link to one of your cloud query entry points, below the homepage link. Submit the code for HW 6 on D2L.