

Homework 8: Ajax, JSON, Responsive Design and Node.js

USC Films

(AJAX/JSON/HTML5/Bootstrap/Angular /Node.js/Cloud Exercise)

Grading Guidelines

Total Points: 15

Deduction of points in each category will NOT exceed the total points of the category.

- **Navbar (2 points in total)**

- ~~The styling, highlighting and hover effect of the navbar should be similar to the reference video, **0.5 points** will be deducted otherwise.~~
- ~~The positioning of each element should be as shown in the reference video, **0.25 points** will be deducted otherwise.~~

AutoComplete

- ~~The placeholder value and the auto suggesting values should be displayed similar to the reference video; **1 point** will be deducted otherwise.~~
- ~~Poor performance of Autosuggest will result in a deduction of **0.25 points**.~~

- **Footer (0.5 point in total)**

- ~~Footer must stay at the bottom of the page even if the page size is less than 100vh with the appropriate footer sentence, **0.5 points** will be deducted otherwise.~~

- **Routing (1 point in total)**

- ~~If routes in address bar are not as shown in screenshots and videos, **1 point** will be deducted.~~

- **Home Page/ Home Route (3.5 points)**

- ~~Configuration of all the carousels on the home page should be similar to documentation screenshots and reference video. **(1.25 points)**~~
- ~~Styling of each movie/TV show card shown should be similar to documentation screenshots and reference video. **(1.75 points)**~~

- ~~In the Continue Watching section, data should be displayed in correct order if present as shown in documentation screenshots and reference video. (0.5 points)~~

- **Details Route (5 points in total)**

- ~~Styling of Details Route must be same as shown in video and screenshots, 2 points will be deducted otherwise.~~
- ~~Add movie/TV show to watchlist 0.25 points~~
- ~~Adding and removing a movie/ TV show from watchlist from Details Route should display auto closing alert message 0.25 points.~~
- ~~Share functionality should work as expected and mentioned in documentation/ shown in reference video 0.5 points.~~
- ~~After clicking on any cast or crew member's card from the list, modal view should open with desired results as shown in documentation screenshots and reference video 1.0 point.~~
- ~~Make sure all the review cards have profile picture or avatar of the reviewer (use placeholder image in case not present) 0.25 points.~~
- ~~Content for each review should be limited to 3 lines 0.25 points.~~
- ~~Recommended and similar movies/TV shows styling should be as shown in documentation screenshots and reference video 0.5 points.~~

- **Watchlist Route (1 point in total)**

- ~~Clicking the movie/TV show card from the watchlist, if any, should redirect to the details route of that specific movie/TV show 0.25 points~~
- ~~Styling of the watchlist card should be similar to the reference video, 0.5 points in total.~~
- ~~If watchlist is empty, display alert message 0.25 points~~

- **Responsive (2 points in total)**

- ~~In the mobile browser, navbar, footer and all routes should be the same as the screenshots provided in the description and the reference video, 1 point will be deducted otherwise.~~
- ~~In the mobile browser, all functionalities must work normally, 1 point will be deducted otherwise.~~

- **Use of ng-Bootstrap**

- ~~This app should be implemented using ng bootstrap. Implementations without Bootstrap or using any other package for bootstrap will result in a 2-point penalty.~~

- **Use of @angular/youtube-player**

- ~~All the Youtube videos must be displayed using this package. Implementing without it will result in **2-point penalty**.~~

- **Use of GAE**

You should implement HW 8 using GCP cloud server as described in HW 7. Otherwise, 4 points will be deducted. **This will be verified with an additional link in the Table of exercises, showing a sample API call to your “cloud” service and verifying the corresponding JSON result.** This link would guide graders to a page where it displays the JSON data returned by your Node.js script running on the Google App Engine. Failing to provide a valid link will result in a **4-point penalty**.

- **Additional Requirements**

- ~~The entire assignment is to be implemented using Angular 8+, Node.js, Express.js, @angular/youtube player and ng Bootstrap. Use of other technologies (unless allowed on Piazza) will result in a **5-point penalty**.~~
- **The use of jQuery is allowed, with no penalty.**
- ~~All API requests should be made server side, as outlined in the homework description. Any violation will result in a **3-point penalty**.~~
- ~~The window should not reload for any kind of data request (like adding to watchlist or removing from watchlist). We mainly focus on building and implementing routes in single page applications. Refreshing the page will result in a **3-point penalty**.~~
- ~~The program must work in Chrome on Desktop and mobile devices.~~