

Homework 8: Ajax, JSON and Responsive Design

Entertainment Event Search

Grading Guidelines

Total Points: 10

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

▪ **Basic Search Form (1.25 points in total)**

- Keyword Autocomplete – 0.5 points
- Keyword Placeholder - 0.25 points
- The drop-down list should contain all categories - 0.25 points
- Location edit box must be disabled when choosing “Current location” radio and enabled when selecting “Other” - 0.25 points
- Validation for the search inputs and the error message(s) - 0.5 points
- “Clear” button resets the search form to the initial state and clears results area. - 0.5 points
- Disable and enable the “Search” button appropriately - 0.25 points
- Obtain user location – 0.25 points

▪ **Results (0.75 points in total)**

- Favorites – 0.25 points
- Event clickable – 0.25 points
- Event sorted by ascending time – 0.25 points
- Details button enabled and disabled appropriately – 0.25 points
- Highlighting – 0.25 points

▪ **Event Details (5 points in total)**

- **Event tab (1 point in total)**
 - Show every row in the table in the correct format – 0.75 points
 - Display time format correctly – 0.25 points
 - Display price range format correctly – 0.25 points
 - The rest – 0.25 points
 - Show “View Seat Map” dialog correctly – 0.25 points
- **Artist/Teams tab (1.25 point in total)**
 - Display music artist table in the correct manner – 0.5 points
 - Display popularity of circle progress bar in the correct manner – 0.25 points
 - Display followers’ number in the correct manner – 0.25 points
 - Display photos in the correct manner – 0.5 points
 - Photos can be open in the new tab – 0.25 points.
 - Display correct numbers of Artists or Teams – 0.25 points
- **Venue tab (0.5 points in total)**
 - Table display information in the correct manner. – 0.25 points
 - Map initialized correctly (center, marker) – 0.5 points

- **Reviews tab (1.25 point in total)**
 - Dropdowns – 0.25 point
 - Display reviews in the correct way (including clickable names) – 0.25 points
 - Show More/Less works – 0.25 points
 - Sort works – 0.5 points
- **Buttons (0.75 points in total)**
 - List button – 0.25 points
 - Favorites button – 0.25 points
 - Twitter button – 0.25 points
- **Event name above tabs** – 0.25 points
- **Favorites (0.5 points in total)**
 - Add from search list/detail – 0.25 points
 - Deletion from search list/favorite list/detail – 0.25 points
 - Display favorites in the correct order – 0.25 points
 - Details search – 0.25 points
- **Progress bars, No records messages, and Error messages (0.5 points in total)**
 - Progress bars – 0.25 points each
 - No records messages – 0.25 points each
 - Error messages – 0.25 points each
- **Animation (1 point in total)**
 - Sliding – 0.5 points
 - Fade-in/out(show more/less) – 0.5 points
- **Responsive (1 point in total)**
 - In mobile browsers, all of the pages should be the same as screenshots provided in description document – 0.5 points
 - In mobile browsers, all search, favorites, and Twitter functions must work – 0.5 points
 - In mobile browsers, the animation must work – 0.25 points
- **Use of Angular**
 - Animation must be implemented with Angular. Otherwise, all points for animation will be deducted.
- **Use of Bootstrap**
 - The app should be implemented using Bootstrap. Implementations without Bootstrap will result in a penalty of 2 points.
- **Use of GAE/AWS/Auzre**
 - Node.js script must be deployed on GAE/AWS/Azure. To allow the graders to perform this test, an additional link should be added to the list of homework, with a format similar to the following:
 - `http://xxx.appspot.com/[path]?[list_of_the_parameters_and_sample_values]`
 - Or
 - `http://xxx.elasticbeanstalk.com/[path]?[list_of_the_parameters_and_sample_values]`
 - Or
 - `http://xxx.azurewebsites.net/[path]?[list_of_the_parameters_and_sample_values]`

- 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/Amazon AWS/ Azure. Failing to provide a valid link will result in **a penalty of 4 points**.

- **Additional Requirements**

- Most API requests must be made in **server side**. Only ip-api and Google Maps JavaScript library (display map in venue tab) can be called at client side. Any violation will result in a 4-point penalty.
- The window should not reload for any kind of data request. All transactions are asynchronous. Any violation will result in a 2-point penalty.
- The program must work in Chrome and Firefox on desktop, and Safari and Chrome on mobile devices