

CAS CS412 MEAN PS8: Simple Web App

Let's extend our Angular skills.

Requirements

0. Create a new branch, PS7, from PS6. Be sure that your .gitignore file has an entry to exclude /node_modules from being pushed to github.
1. Write a simple Angular application that queries the route that you created in PS6 using an Angular service:
 - a. Use a **validated form** [require the input term and validate it is longer than 1 character] and a 'query' button on your Angular app to initiate the request, passing any search term that you might need for your back-end API.
 - b. On the Angular side, use a **service** to make the call to the back-end route.
 - c. Use **three** Angular components. The first component should hold the form, and the second should display the result of the query. Use @Input in the child to receive data from its parent for display. The third component will enclose and be the parent of the other two.
 - d. When displaying data, use *ngIf and *ngFor to parse through an iterable containing your response data. When no data is present, *ngIf should hide that portion of your page. Note: If your back-end source returns just one item, duplicate it on the back end to present an array of data to the front end (just a few duplicates needed to demonstrate *ngFor).
2. Push your homework files to your GitHub repo.
3. Submit the GitHub repo/branch on Gradescope to complete the assignment.