

CST 365/465

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Homework #3

Due: 7/5/2023 (by midnight)

For this assignment, you will need to have a Netbeans project with your completed (and corrected) server-side code from homework #1 AND a folder containing your angular project. Please zip all of these things into a zip file named using your last name followed by your first name followed by "-homework3" and turn in via blackboard by the due date.

For this assignment, you should begin with the result of homework #1 (note: you may use my solution if you want). If you do, please rename according to rules above.

Part I: (30%) Overall Angular

1. **(5%)** In your angular directory, create an application using your name
2. **(5%)** Create an review class
3. **(20%)** Create an review service that models the endpoints from your Spring application focusing only on the get all reviews, get a specific review, add review, edit review, and delete review endpoints.

Part II (60%) Components

1. **(10%)** Your main component is a list of reviews which shows only the RIDs and titles of the reviews in a nicely decorated table (use your CSS file from homework #2)
 - a. **The table should be sortable using the field headers of the table (RID or titles)**
2. **(10%)** Create a detailed view of a review (shows all fields)
3. **(20%)** Create an add review form to allow the user to create a new review using the form structure from homework #2.
 - a. **(10%)** Validate according to the rules set forth in homework #1 all fields
4. **(20%)** Create an edit review form to allow the user to edit existing reviews using the form structure from homework #2 (except don't allow for the RID to be modified)
 - a. **(10%)** Validate according to the rules set forth in homework #1 all fields

Part III: (20%) Create the website

1. **(5%)** In the page for the review list, create a link to view each review from the list.
2. **(5%)** In the page for the detail review, create buttons to delete or edit the given review.
3. **(5%)** On all pages, create links back to the list and add review pages.
4. **(5%)** For all pages, use an external style sheet to beautify the pages in some way. Note: for this assignment, you are welcome to use the style sheet from homework #2 or any of mine.

GRADUATE STUDENTS ONLY (UG may do for extra credit)

In addition to the above:

1. **(35%)** Create a series of pages to show reviewers in the same manner as Part II for reviews
2. **(15%)** Create links everywhere to allow for reviewer list, add reviewer and link all the pages to the rest of the site like you did for Part III.

Note:

- If the project or the zipped file is NOT named correctly, I will take **10 points** off the total score.

- If the files within the project are named incorrectly, I will take **10 points** off the total score.
- If the project doesn't contain sufficient comments, I will take **10 points** off the total score.
- This is an individual assignment and what you turn in should represent only your work.
- Do NOT try to do this last minute!