CAPSTONE SUBMISSION FORM

Please complete the form below when you submit your capstone. It will help your instructor understand your code and give you all the points you deserve! Email it back to your instructor Thanks!

**WHAT IS MY CAPSTONE ALL ABOUT**

1) Can you provide a brief overview of your project and its theme?

My project will be a cinema ticketing and management app. Its users include both cinema customers and managers. It allows users to buy tickets to shows and register accounts. It allows managers to add and manage films to the various theatres in their cinema.

2) How would a user (me) use your project? Can you provide a short "user manual" or instructions to the features you have included?

A user would use the product by clicking the film that they want to watch, selecting an available time, selecting an available seat (or being told none are available), paying for their ticket. They can also register an account or cancel their ticket, provided they have enough time remaining.

A manager would use the website to manage which films are being shown in each theatre at each time, adding new films, and editing or deleting showings.

3) Do I need a username to interact with your program? If so, what username and password can I use to get started? Are there users with special privileges? How does that work?

Registering an account is optional, but registered users will receive discounts on tickets and be able to view their watch history on their account.

**WHAT DO I NEED TO UNDERSTAND ABOUT THE SERVER**

1. Can you explain how your data relates to "organizations", "groups" and "members"?

Theatres are organizations. Showings are groups. Seats, viewers, and films, all act as members. Seats are members of theatres. Viewers are members of seats. Films are members of showings. Showings are members (though they are groups, too) of theatres.

2) Did you clean up your data and reset your counters.json?

3) Did you make changes to server.js other than name mappings? If so, what were the changes? (include a list of any new API methods)

**GETTING ALL YOUR POINTS**

1) Did you implement each of the following?

\_\_x\_ A "Home Page" that includes a description of your "theme" and an attractive list of the "organizations" in the system

\_\_x\_ The ability to search for and view a list of groups based on criteria that makes sense for your theme. Include a "view all groups" option

\_\_x\_ The ability to register a "group"

In my project, this means: \_\_\_\_\_\_Creating a new film showing\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_x\_ The ability to add an "item" to the "group"

In my project, this means: \_\_\_\_\_\_\_\_Choosing which film will be shown\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_x\_\_ The ability to view a particular "group's" details and the "items" in that "group"

In my project, this means: \_\_\_Accessing a showing from either the edit screen or the all showings screen

\_\_x\_ The ability to edit an item's information (as appropriate)

In my project, this means: \_\_\_\_\_\_\_\_\_\_Editing or deleting a showing’s information\_\_\_\_

1. What techniques did you use to display error messages that users enter bad data in forms or when your AJAX requests return errors?

I actually didn’t do very much error validation. I tried to circumvent errors by not allowing users to enter information that was incomplete.

3) Do you have:

\_\_x\_ Good HTML and CSS (readable, commented, no validation errors, etc.)

\_\_x\_\_ Linted server.js and all of your site's js files

\_\_x\_ Readable, commented JavaScript code with good names, good use of functions, etc

\_\_x\_ Use of GitHub Repo with appropriate branches, commit history / comments, and an   
***informative*** README.md file

4) What innovative feature (new Bootstrap feature, cool JavaScript or jQuery function, custom API method, etc.) did you incorporate? How did you learn about it? What made you decide to use it?

I used scss extensively throughout the app. I decided to use it, because it’s used at my job and it makes the style files look significantly more organized.

5) Who are some of the people you collaborated with on this project and how did they help you or how did you help them?

Early on in the course, I tried very hard to help others and ended helping quite a few people. Later on in the course, I was helped by Jonathan, Anthony, Oakland, Bailey, and a few others.

6) Did you implement any of the following features to earn bonus points? Elaborate!

\_\_x\_ The ability to edit a "group's" details - for example, to change a sponsor's name and/or email

In my project, this means: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_x\_ The ability to delete a "group"

In my project, this means: \_\_\_\_\_Showings can be deleted\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_ The ability to delete an "item"

In my project, this means: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_x\_ The ability to register a user / logon to the site

In my project, I use the users to: \_User authenticatiton and registration are both fully implemented, but they aren’t yet used to perform any tasks or checks.\_

\_\_x\_ Wild card feature - If so, tell me more about it! What does it do? Why is it cool? What did you learn implementing it?

I implemented the ability to purchase tickets and select seats in a digital theatre interface! It’s the coolest part of my app, check it out!

**SUMMARY**

1) What else do I need to know about this project?

I learned a lot about observables during this project. There are a few places where I deliberately did things slightly differently, just so that I could learn a handful of alternative approaches.