Software Developer Course Assessment

Quantitative Assessment Practice -3

Course Name: Programming with JavaScript

Current Week: (2023/07/17)

## Introduction:

The purpose of this assessment is to help us understand how the class is doing in terms of the review material that we have covered during the previous couple of weeks. The only purpose of this assessment is for us to improve our approach to review and ensure that what we’re currently doing is an effective strategy. Completion of this assessment is mandatory - if you don’t submit a solution, it will be marked as incomplete. If you do submit a solution, it will be marked as complete, as you will receive full marks.

Again, the goal here is to help you all in the best way that we can, so please do be honest when answering the questions related to how long it took, which resources you used, etc. And please ensure that you do your own work – don't just copy off a friend to get it done, earnestly do your best with it. If you can’t get it completely working, give us what you have. While it will be graded, the grade will not count against you, it’s just a way for us to see where everybody is, and to know which concepts, if any, we, as a class, may be struggling with.

Deadline: You will have until the end of the day on **July 30,2023 (4:00pm)** to submit your assessment solutions. Please ensure you answer all the questions outlined in the instructions portion of this document as well in your submission.

Instructions: Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You are allowed to complete the assessment problems below in whatever way you can but please answer the following questions/points as part of your submission:

1. How many hours did it take you to complete this assessment? (Please keep try to keep track of how many hours you have spent working on each individual part of this assessment as best you can - an estimation is fine; we just want a rough idea.)

It took me around 8 hours to complete this assessment. I spent about 3 hours setting up the JSON server and implementing API calls, another 3 hours working on the React Router and routes, and approximately 2 hours on styling and using Bootstrap for a better UI.

1. What online resources you have used? (My lectures, YouTube, Stack overflow etc.)

I mainly relied on my class lectures and notes for the concepts covered in the assessment. Additionally, I referred to the official documentation of React, Axios, and React Router. I also watched some YouTube tutorials on setting up a JSON server.

1. Did you need to ask any of your friends in solving the problems. (If yes, please mention name of the friend. They must be amongst your class fellows.)

Yes, I discussed some challenges with my classmate, who also had experience with React and JSON server setups. They helped me understand a few concepts and shared some useful tips.

1. Did you need to ask questions to any of your instructors? If so, how many questions did you ask (or how many help sessions did you require)?

Yes, I had a couple of questions regarding React Router and how to structure the routes. I asked my TA during one help session, and they provided clarifications and examples to guide me in the right direction.

1. Rate (subjectively) the difficulty of Making this all! from your own perspective, and whether you feel confident that you can solve a similar but different problem requiring some of the same techniques in the future now that you’ve completed this one.

Overall, I would rate the assignment as moderately challenging. The JSON server setup and API calls were relatively straightforward, but implementing React Router and setting up the routes required more effort. After completing this assignment, I feel more confident in handling similar tasks that involve JSON servers, API calls, and React Router. I believe I can apply the techniques learned here to tackle different problems and improve my React development skills in the future.