**Roadblocks**

* **Time Management:** Since I am working a full-time job, many of the ideas that I had were pushed back, in favour of getting a working product out by the due date. This was especially muddled by how I was unfamiliar with the technologies, making it more difficult to judge how long tasks were going to take.
* **Learning New Technologies:**

**Refactoring Opportunities**

* **[Back-end]** Add a **User** entity/object and scaffold a controller for it, to allow proper HTTP client methods (**PUT, POST, GET, DELETE**) for that entity/object.
  + **Issues with Current Code:**
    1. Currently not coded in a way where multiple users can use the application, even within an In-Memory Database
    2. Storing user information (ie. **userAnswers**) in the front-end, when it should be in the back-end
  + **How Solution will Improve Current Code:**
    1. If coded to include a **User** entity/object, then it will be easier to refactor in a future iteration to add functionality for multiple users
    2. Increased separation of roles between the front- and back-end – the front-end will be used for mainly view-related roles, while the back-end will primarily be used for data storage and manipulation
* **[Back-end & Front-end]** Remove the **selectedAnswer** and **isSelected** fields in the **Question** entity/object.
  + **Issues with Current Code:**
    1. Contains extra fields/properties within the **Question** entity/object that aren’t being used.
  + **How Solution with Improve Current Code:**
    1. Removes extra fields that aren’t being used, keeping the code less cluttered.
* **[Testing]** Automate testing using Selenium.
  + **Issues with Current Method:**
* **[Back-end & Front-end]** Refactor so that the database references an **AnswerSet** DB that has all the answer sets.
* [**Front-end]** Refactor back and next questions into one method; there is no need to have two if similar code is used (and use that one method for the Finish button too?)
  + Pass variable to indicate whether Back or Next button called it to know what needs to be done; otherwise, subtract or add 1 from the HTML file and pass that calculation over