COSC 442
Software Quality Assurance & Testing

Assignment #1
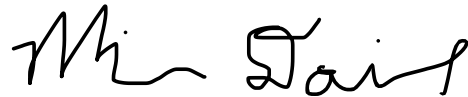
Name: Romerico David   **/ 5**

These questions are to be completed and submitted individually. This assignment is due on **Monday, February 3, 2025, 11:59pm** to Blackboard.

1. My expected date of graduation is **Dec 2025**.

2. Are you a Computer Science with Software Engineering track major? **Yes**   No

3. Please describe any experience, in class or in an industry setting, that you have in software quality assurance and testing. **In my current role as a Junior Software Developer at SecurEd, I regularly write extensive and comprehensive unit and end-to-end testing for any code I produce in the backend using Jest and Supertest. Our frontend testing was in the works over the summer but has yet to been implemented.**

4. Briefly describe your level of comfort with programming, in general, and, in particular, with Java. Additionally, describe your level of comfort with Git/GitHub/GitLab. **I am very comfortable with Java, Git, and GitHub. I have heard of GitLab but have never dabbled in it.**

5. Briefly describe what you hope to get out of this class, if anything, and why you decided to take this course. **I hope to gain the skills and knowledge necessary to excel in all areas of backend development as I prepare for my internship. Understanding both the theory and practical applications of software testing will be key to my success and is partially how I prove my implementation.**

6. Briefly describe any concerns you have about this class, if any.

7. Please read through the material and links at https://www.towson.edu/about/administration/policies/03-01-00-student-academic-integrity-policy.html. After reading, please sign your name below indicating you understand what plagiarism is as well as the consequences.

_____
< student signature >

Survey

These questions are to be completed and submitted individually. Your answers will remain anonymous and have no bearing on your grade in this course.

Overall GPA at TU (estimated) **3.95**   **GPA in Computer Science** (estimated) **3.95**

Class Standing   Sophomore   Junior   (**Senior**)

Have you Previously Taken a Software Engineering Course (Yes)   No

For your learning style, how useful/helpful is the *lecture* component of class (1 = not helpful at all; 5 = extremely helpful):

1   2   3   4   (**5**)

For your learning style, how useful/helpful is the *lecture notes/slides* component of class (1 = not helpful at all; 5 = extremely helpful):

1   2   3   4   (**5**)

For your learning style, how useful/helpful are the *class projects* component of class (1 = not helpful at all; 5 = extremely helpful):

1   2   3   4   (**5**)

For your learning style, how useful/helpful are the *lab assignments* component of class (1 = not helpful at all; 5 = extremely helpful):

1   2   (**3**)   4   5

For your learning style, how useful/helpful are the *exam* component of class (1 = not helpful at all; 5 = extremely helpful):

1   2   3   (**4**)   5

In your current perception, how difficult is software quality assurance and testing (1 = extremely difficult; 5 = extremely easy):

(1)   2   **3**   4   5

Rate your current programming expertise:

None   Little   Some   **Average**   Expert

Rate your current software engineering expertise:

None   Little   Some   **Average**   Expert

Rate your current level of skill that you think is necessary for real-world, large-scale software development:

Very Poor   **Poor**   Fair   Good   Very Good

Rate your current preparedness for the job market:

Very Poor   Poor   **Fair**   Good   Very Good