Module Eight Journal

I can ensure my code, program or software is functional and secure by understanding and meeting the clients requirement, writing thorough JUnit tests, and getting a high percentage coverage. It is important to understand what the user’s needs are and what is expected from the program which helps me incorporate into the program. Understanding the requirements help provide a guideline for the program which can help prevent any rework, saving money and time. I approach designing by first understanding the requirements and goals for the software and then I use that to plan my next steps. For example, In the contact services I first wrote the contact class and made sure I checked of all its requirements in order. Then I moved on to the next class, contact services, where I had to make sure that the users can add contacts with a unique ID, delete contacts per contact ID, and update contact fields in the contact ID. Then I wrote JUnit testing for the