Module 5

For each milestone from module 3 to module 5, JunitT testing method was applied to verify the condition of software requirement check list. Similar to task and task service in module 4, this method will also check for limit String chars and null chars in appointment and appointment service.

In module 5, beside String variables appointment ID and appointment description, we also have another Date object was a new addition to the appointment class; which require JUNIT testing method to check whether user input the current date of appointment is in the past or not, then throwing errors. JunitT was applied to fill out the check list of requirements which is essentials for these type of testing.

The other software testing technique I did not use would be Mockito which is an alternative of Junit. Basically, Junit make sure the function of each class is working properly because each function will be accompanied by one or more tests by Junit. On the other hand, Mockito is simply mock or clone of a real object for testing purposes. Based on their characteristic, we can see Mockito concept has stub method for state verification, fake objects and mock objects for behavior verification.

I think Junit and Mockito is a perfect combination in software testing since they are compatible and it will increase the test coverage significantly.

References

*Mockito Tutorial | Mockito Framework Tutorial - Javatpoint*. (2019). Www.javatpoint.com. https://www.javatpoint.com/mockito

‌