**Weekly Learning Log and Reflection**

**Week7**

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| **Student Name: Wenjing Li** | **Student Number: A00279784** |
| **Subject: Agile Methodologies 4.2 - (AL\_KSENG\_B\_4)** | **Semester Number:2** |
| **Student Signature: Wenjing Li** | **Week Number: 7** |

* What new knowledge and/or skills did I acquire this week?

I learned how to track progress.

Tracking progress is critical to Agile.

Increased transparency and the desire to eliminate surprises make tracking essential to effectively managing an Agile project.

* What existing knowledge and/or skills, if any, did I employ and/or build upon this week?

I try to use test-driven development to develop this week's code.

* Describe the context within which I employed my knowledge and skills this week.
* How much responsibility did I take, personally and in my group, for the application of my knowledge and skills this week? What role did fulfil within the group?

This week I developed the “Stock Report” function.

I actively participated in the meeting and discussed issues with my teammates.

* Are there still gaps in my learning? If so, identify those gaps and describe the steps that I plan to take to fill those gaps.

I tried to use test-driven development to develop new features, but everything was not going well. I learned how to test-driven development code on YouTube. But when I apply it to my own actual development, I feel that my thinking is not clear.

* How has my learning this week helped me to develop as a Software Engineer and in my interactions with other members of my group/class? Which interactions did I value?

Burn-up Charts, Burn-down Charts, Feature-Driven Development (FDD) Parking Lots can be used as important icons for feedback on work progress in future work. At the same time, we can intuitively see our current team progress through these icons.

**Week8**

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| **Student Name: Wenjing Li** | **Student Number: A00279784** |
| **Subject: Agile Methodologies 4.2 - (AL\_KSENG\_B\_4)** | **Semester Number:2** |
| **Student Signature: Wenjing Li** | **Week Number: 8** |

* What new knowledge and/or skills did I acquire this week?

State Transition Testing.

* What existing knowledge and/or skills, if any, did I employ and/or build upon this week?

**0-switch**

All transitions (1 path, 2 states)

**1-switch**

All two-transitions paths (2 paths, 3 states)

**2-switch**

All three transitions paths (3 paths, 4 states)

How to choose which strategy to use in the testing process. I have doubts.

* Describe the context within which I employed my knowledge and skills this week.
* How much responsibility did I take, personally and in my group, for the application of my knowledge and skills this week? What role did fulfil within the group?

This week I have done login, bill and user frame. They took me more than 7 hours.

* Are there still gaps in my learning? If so, identify those gaps and describe the steps that I plan to take to fill those gaps.

This week’s meetings and code exercises gave me a better understanding of the overall design of the system and personnel cooperation.

* How has my learning this week helped me to develop as a Software Engineer and in my interactions with other members of my group/class? Which interactions did I value?

This week I showed my code to the team members and the results of the code. They agreed to use my code as the entry point for this program. At the same time, we discussed together how to make the logic of program operation easier to understand, and made changes to the discussion. These discussions are very valuable to me. In the future work, there will be many discussions that need to be participated, and the current discussions have laid the foundation for future work.