CS3343 Software Engineering Practice

Self-assessment Report

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In this project we are required to join the whole software development process and use the test-driven approach to develop our program. By using this approach, I am able to learn the ideas on how software testing can be integrate throughout the whole development cycle. Normally when we still study cs3342(software design), we are using the waterfull model to implement our and do a simple testing before deployment, but in this project, we have learnt a lot of tools to fulfill the different requirements, such as program design , version control, code refactoring , automatic testing, coverage analysis, etc.

In this project, my role is pair programmer, after the architecture design discussed by us, I have to implement a solution at the first stage and do the unit testing before each commit and very soon the software tester will give me a feedback by bug report and I have to make change to the program in order to finish the whole software system.

I also learn how to effectively communicate with my teammates by using version control tools as well as real discussion. Google code let us commit the change easily and easily trace by the othera and not override the work we done before. When thing comes wrong we can also checkouts the old version to redo the thing.