**Sprint Evaluation Procedure**

Each sprint shall receive a mark out of 100, and there will be 6 sprints in total for each group.

Groups are required to meet with the Customer (their GA) at the end of each of their sprints. Only one group member is required to meet with the Customer to meet this requirement.

Your group should have a Sprint Report prepared for each meeting detailing the following information:

* Product backlog
* Sprint backlog
* A burndown chart for the sprint
* Roadblocks/showstoppers
* New tasks that had to be added to the sprint after it began
* A discussion of how well estimations were made for work scheduled versus work completed
* A discussion of how to improve estimations

Your group should also have a prototype ready for each sprint review as well. In addition to this, a task will not be considered complete until documentation and unit tests have been developed for it. The documentation does not need to be thorough, but it does need to be relevant and up to date. Your Term Report later will contain more comprehensive documentation.

During your sprint review, your Customer will help you refine your project further by adding new use cases based on the design document you have provided on your Blackboard – they will provide criteria that you will use as the basis for your acceptance tests for those use cases. You will then meet with your team, add tasks to your product backlog, select the tasks that will go into the next sprint, and begin the next sprint.

Groups are expected to be using at least 4 of the following Agile techniques:

* regression testing
* integration testing
* test driven development
* continuous integration
* code review practices
* pair programming
* code style guidelines
* static code analysis
* model driven development/code generation
* version control system with agile branching model (feature branches, etc)

The marks will be allocated based on the following:

30 marks – meeting with the Customer and negotiating use cases and acceptance tests

30 marks – a complete sprint report with all of the above requirements is shown

10 marks – a prototype is available with the changes from the last sprint

10 marks – unit test and implementation quality

10 marks – documentation quality

10 marks – implementation of agile techniques as noted above