

Assignment 2 – COMP8702 extension

Read this document **carefully!** Any clarification should be sought at the earliest opportunity. Information about the assignment and assistance, where necessary, will be presented during lectures and tutorials.

Numbers Game

Program development

As well as the specification for assignment 2 you will also need to complete the following.

You are to work in teams of 2 to 3 people to develop the solution. You will need to research and make use of appropriate team based programming resources. Your deliverables will need to include the appropriate project and team based programming facilities (entire project, link to resource, documentation, ...). As you are working in a team you will need to ensure that appropriate identification of all team members is attributed to all documentation, classes, and project management services. To assist in determining the appropriate team development tool you should (as an individual) complete the following component of this assignment first. Once each person has finished the research report I encourage you to discuss the pros and cons of the systems you have researched and then reach a conclusion with your other team members as to the most appropriate tool to use.

Research report

For this assignment, you are also asked to research appropriate tools that allow the development of software within a team environment.

Please identify two tools or services that can be used for team software development, and provide a description of their functionality and use.

You should also comment on the value of these tools for developing code within a group.

Try to avoid simply stating your opinion; it is preferable to provide reasons, as well as evidence, to support the comments and opinions that you express in the written document.

It is important to follow normal academic conventions for referring to external work: in every case where you are citing evidence or otherwise referring to the work of others, this must be indicated by a reference to the original work in an appropriate citation format (any recognized style may be used as long as it is used consistently).

The length of the document should be between 4 and 6 pages; PDF or Word format is acceptable.

Assignment submission is via file upload using the appropriate link on FLO by 5pm Friday 20 May 2014. There will be one link for the research report and one link for the programming project.

This assignment counts for 15% of the total mark for this topic.