

# Version Control

The aim of this document is to ensure that all members are familiar with the tools used and to provide solution to project synchronisation.

## Tools Used:

For uploading and synchronising files, we will be using Google Docs and Gitlab. All word files will be uploaded to Google Docs, and software (UML charts, Java files) will be uploaded to Gitlab. Google Docs is useful for editing Word files together - changes are saved automatically and every member can see what is being written by others in real time. When editing code, we may make use of the lock and merge functionalities of Gitlab to prevent each other from editing the same file at the same time, and to make sure that the progress is always updated on the server. TortoiseGit will be used to assist our interaction with Gitlab, and to remove the need to state which files to track manually.

For development, the agreed software to use will be IntelliJ, and files will be uploaded to Gitlab via the IDE. We will develop the UML diagrams using Papyrus (an extension of Eclipse). We will not be importing UML between the IDEs so there will be no issues with compatibility.

The Microsoft Word and Excel packages will be used to edit documents and the Gantt Chart. We will all make sure that we have the most recent version of our software that we can get.