Version Control

This document will outline the practical processes used to ensure past versions of all files made by Untitled Solutions will be archived.

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Document History

Documents will be stored on GitLab.

1. When a document is updated or otherwise modified, a copy of that document should be pushed to the master branch of where the original file resides, adopting the exact name and an appropriate comment for the push. GitLab facilitates a revision history to enable the retrieval of archived files.
2. If a new planning document, template, or similar is made, or if a past document has been updated or otherwise revised, a note should be made within the Alterations document.
3. A copy of any emails sent to our client or the course convener should be stored for reference by the company, as stipulated in Group Policies.

Code History

1. Any changes made to the master copy of the code on GitLab should be pushed to development, as defined in the Git Rules.
   1.1. This will ensure that all members of the group are capable of individually working on different sections of the code simultaneously.
2. Previous versions of the code will still be accessible for archive purposes through the version history tools provided by GitLab.

Git Rules

1. Git will be divided into two branches, development and master
   1.1. Anyone can push to development at any time, though they are required to write a description of changes as specified in the Quality Assurance document.
   1.2. Pushing from the development branch to master requires the passing of all unit tests in the developmental branch and the approval of all team members.
2. When pushes to development occur, members are expected to run all unit tests, if any exist, for any section their code may affect.
   2.1. Notable results of the tests should be included in the description of the push.
      2.1.1. Notable results include any test failures and any tests which now succeed but had failed in the previous version.
3. In order for the company to revert to a previous version of the project on GitLab, a majority vote must be held.

      3.1.   This shall follow the Group Decision procedure stipulated within the Group Policy document.

4.   Under circumstances where you're unsure whether you can push in the future and have made substantial changes to the codebase, push to the development branch.

      4.1.   The team will always have the option to revert the changes or develop your code as they see fit.