How to install and configure GitLab (Windows)[1]

1. Create a folder on your M: drive with a suitable name ‘e.g. gp06’
2. Download Git from here: <https://git-scm.com/download/win> (should start automatically, if not you need the 64-bit version for Windows)
3. Install
4. Open a command prompt window. Navigate to the M: drive (type M:)
5. Change to the directory you made in step 1 (cd directory\_name)
6. Type the following commands to initially configure Git. You should only need to do this once. Substitute ‘jor69’ for your own username/email:

git config --global user.name “jor69”

git config --global user.email “jor69@aber.ac.uk”

git config --global core.editor “notepad”

1. Now type the following commands to set up your local repository:

git init

git add .

git commit -m “Setting up repository”

1. If you haven’t already, go to <https://gitlab.dcs.aber.ac.uk> and sign in using your aber id and password. You should already have been added to the project on Gitlab, if not please ask Valentin to add you ([vad7@aber.ac.uk](mailto:vad7@aber.ac.uk)).
2. Finally type the following command to clone the group repository to your local one:

git clone <https://gitlab.dcs.aber.ac.uk/vad7/group6-repository.git>

# Committing changes

Type the following commands:

git add .

git commit -m “Give the reason for making the changes e.g. added UI spec”

git push -u origin master

This must be done to synchronise changes you have made to your local repository with the online repository.

It is generally considered a good idea to use ‘git pull’ before making any changes to your repository as this will get the latest version of all files, etc. from the online repository.

[1] Chris Price (January 2018). *Version Control with Git and GitLab*. [Online] Available at: <https://learn-eu-central-1-prod-fleet01-xythos.s3-eu-central-1.amazonaws.com/5d5bfc0d30f9a/1436779?response-content-disposition=inline%3B%20filename%2A%3DUTF-8%27%27Practical%2520-%2520Version%2520Control%2520with%2520Git%2520and%2520GitLab.pdf&response-content-type=application%2Fpdf&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Date=20200304T173745Z&X-Amz-SignedHeaders=host&X-Amz-Expires=21600&X-Amz-Credential=AKIAZH6WM4PLYI3L4QWN%2F20200304%2Feu-central-1%2Fs3%2Faws4_request&X-Amz-Signature=e661ab88f4c513406d6b464594708d30c20c7a0da91dd6d7ed497092504b57e2> [Accessed 4th March 2020]