

Task 1 - Lab: Git Repo Setup

Summary:

Setup a private GitHub git repository (repo) for your unit work and add the default staff tutor account (gpswin) so that staff can access your work and give you feedback. Follow the exact requirements set for your account name, your repository name and visibility, so we can find your work.

What you need to do:

1. **Create an account on the GitHub website** (<https://github.com/>). Use your real name, and your Swinburne student email address to create the account. If you already have an account, but it is not your real name and Swinburne student email, do not use it.
2. **Download and Extract Task Folder zip File.** We have provided a zip file on the unit website that contains a README.md file and a folder structure that matches the set tasks for this unit. Download and extract this on your local machine so that you are familiar with it before the next step. Notice how we have named the top-level folder, and the task folders.
3. **Create Repository:** Using the GitHub website UI, create a new **private** repository, setting appropriate details for use with this unit.
 - a. Repository name: COS30031-<YYYY>-<Your Student ID>. Exact naming is important.
For example: COS30031-2023-123456789
 - b. It **MUST** be, and remain, a private repository for you and the staff account only.
 - c. It must have a README.md file at the top level.
 - d. Add the staff GitHub account as a collaborator to your account.
Username is "gpswin" or use the email address (gp.swin.repos@gmail.com).

NOTE: There is no need to create projects, organisations, team, groups etc. in github. Keep things simple at this point, particularly if you have not had much experience with repositories and version control work flows.

4. **Add Task Folders, Update README.md.** Add new files, make changes (to the readme etc) and make an initial commit to the repository, with an appropriate message. You may need to learn some markdown if that is a new thing for you.
5. **Simple report to Canvas.** Create a simple report (as PDF) that reads like release notes, that states what you have done for this lab. Include your name, student id, the unit code, the task number and the date. Make a note of any issues that you had but figured out.

Note: We recommend that this is stored in the appropriate folder in your repository, and version controlled. When it is ready, upload it to canvas. (So yes, we have access to it in two places.)

Outcomes: (~Repeated from the details above)

- You have a repository ready to show your tutor and it is set up correctly,
- You have used markdown to update the repository readme file,
- You have told staff that it is ready to see by uploading your "release notes" (lab report) to Canvas, and

Recommendations:

- Don't get stuck on this as a task. It shouldn't take long, but if it is new to you, it is definitely worth taking some time and getting it sorted. Ask your tutor or other students for guidance if you're struggling.
- If you don't want to use the command line for repository work, have a look at SourceTree or using your IDE to perform git commands.