Git Guidebook

This is a basic introductory guide of how to use the git methodologies

1. Cloning a repository to your computer

>> git clone https://github.com/melabglasgow/Bioimplantable_Device

Now you will have everything copied to your local repository where you can do whatever you want and update the cloud repository after you work.

2. Update your local repository

Every time that you start working or you want to update the local repository to see what's going on in the cloud repository, run the following commands:

>> git fetch origin
>> git status
>> git pull

The command *git fetch origin* will fetch the cloud repository to upload the commits' stack. Then *git status* will give you info about the changes in your repository and cloud repository. Git pull will copy and update all the files that were modified in the cloud repository to your local repository

3. Update cloud repository

Whenever you create an important change on your local repository and an update is needed, you might update the cloud repository to follow a coherent and documented revision control.

>> git add .
>> git commit -m "message for the commit"
>> git push origin master

The command *git add .* will update the commits' stack and will put them in the queue. Then the commit is very important to maintain every change documented and specify what did you do on the repository. We can control every commit and come back if an error was introduced so this is a mandatory step.