



## GIT Assignment

### Goal:

*To practice working with GIT*

### Background

*You are close to completing the learning program for GIT. Although the purpose is to understand GIT and the most common commands, you can try to work on this exercise using the installed GIT setup you used in the Udemy course.*

### Approach:

Below you will find the different situations/questions for you to solve.

As output to the exercise you will have to deliver:

- A description of the commands and activities you plan to take
- A screenshot of the command used and the results from the BASH command line

Your uploaded solution to the LMS has to contain all the information and describes decisions and actions.

**Note: All documents uploaded to the LMS are only accepted in pdf format**



## Exercise

*You are the team lead in a DevOps team setting the right example in working with GIT.  
You need to do the following tasks:*

- Make a new project environment.
- Configure the environment using your name and email address
- Create an empty git repository in your environment (make it public)
- Connect it to GitHub
- Show how to check if your repository is setup correctly
- Enable SSH access to the environment (and show how to do that)
- Add 2 users (can be dummy users, you can decide) as team members to have access to the environment
- Create a document (consider this a testcase dummy document) with some random content
- Add the document to the repository
- Now use one of the logins from eh dummy team members and make some changes to the document
  - Follow step by step how to ensure the version update is managed through GIT
    - Consider this a real life scenario where you as a teamlead request a team member to amend a test case
- Show the way to check if the team member has processed the change correctly
- No the second dummy team member makes a change.
  - Demonstrate again the complete process
- You are now informed that the second change was actually not needed.
  - Demonstrate how to rollback the second change and go back one version (demonstrate at least 2 ways of doing that)
- It is almost unbelievable but the Project Manager comes to you to say that the change was needed after all.
- Your dummy user 2 has to do the change again
- After having it committed, the project manager asks you to merge the 2 versions into one.
  - Demonstrate how to achieve that