

Group Assignment

COMP 2156 – DevOps for System Administration

Total: 12% (100 Points)

Submission Deadline: **Sunday, 18th Feb 2024 (Week06)**

Assignment Details

1. Make a group of **4 members only**. No group of less than 3 or more than 4 people will be allowed. After creating group start working on your group assignment. **(02 Point)**
2. Create a public git repository name **COMP2156_Group#_Assignment**. *Note that only one member (**Leader/Owner**) from your group will create a repository and other remaining member (as collaborators) will clone the repository on their local system. (02 Point)*
3. The leader/owner of the repository will add other group member as collaborator and assign required permission to work on the repository. **(05 Point)**
4. All members will create their own **branch** on git repo having **STUDENTID-Name** as branch name. e.g. **1023756-Pritesh (02 Point)**
5. Only one member will integrate your repository to GitHub Actions or any free CI tools you prefer **(05 Point)**
6. Each member in a group will make atleast **10 commits** and create 3 files on their branch having appropriate commit message and merge all branch changes to master branch. NOTE: You will loss marks for less than 10 commits individual)

Three file names for each group member will be in given below format

- **Studentid_gb.txt (20 Points)**
 - o This file will contain information about George Brown college. *Think of you own content.*
- **Studentid_devops.txt (20 Points)**
 - o This file will contain information about COMP 2156 DevOps course. *Think of you own content.*
- **Studentid_sdmc.txt (20 Points)**
 - o This file will contain details about important of learning DevOps engineer in software development cycle. *Think of you own content.*

7. Update your local branch (PULL) from remote git repository after merging all branches from all members and resolve any merge conflict whenever required. **(10 Point)**
8. Group members should add and update **Readme.md** file to maintain their repository details. Also, Put your group details **(10 Point)**
9. Only ONE member will create Pull Request template using following link **(04 Points)** <https://docs.github.com/en/communities/using-templates-to-encourage-useful-issues-and-pull-requests/creating-a-pull-request-template-for-your-repository>

Submission

Provide the GitHub group project link in assignment submission folder on black board on or before deadline. Also, upload screenshots showing your work form local computer and git commit list.

Keep In mind

- No commits or file changes/upload are allowed directly on GitHub website. All commits must be done on local machine of each member should merge their branch to main/master branch
- You can create PR/Merge code on GitHub website
- Each member will award marks based on their contributions to the assignment after verification on GitHub commits logs
- Late submission will be awarded ZERO

Communication

Please contact on priteshtpatel2@georgebrown.ca or SLACK channel for any question or query.