**NCP2209: OPERATING SYSTEMS (LABORATORY)**

2nd Semester, School Year 2020 - 2021

**GIT - BRANCHING**

Module 1 - Machine Problem No. 2

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**Git - Branching**

**Module 1 – Machine Problem No. 2**

**Instructions:**

Perform the following Git operations within your team.

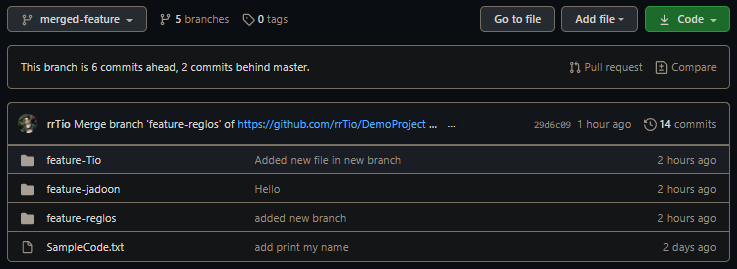
1. Use the existing repository used in the previous MP.
2. TL and TMs shall create a new folder (with demo image and sample code) on their local machines assuming that these folders are their assigned features to develop -- name your folder as **feature-surname** (e.g. feature-antonio)
3. Now, each member so the team shall create a new branch name **feature-surname** (e.g. feature-antonio) and push all changes to the newly created branch.
4. One member of the team shall create a new branch names **merged-features.**
5. Merge all branches in **merged-features** branch.
6. All other members shall pull the contents of the merged-feature branch.
7. Verify that you fetched all the required files by checking out to different branches (**git checkout branch-name**). You shall observe that the content of the folder in your machine changes depending on which branch you checked out.
8. Provide a screen capture of the commits and copy of the files in each branch (through GitHub). See sample screenshot below for branches.

**Contributors:**

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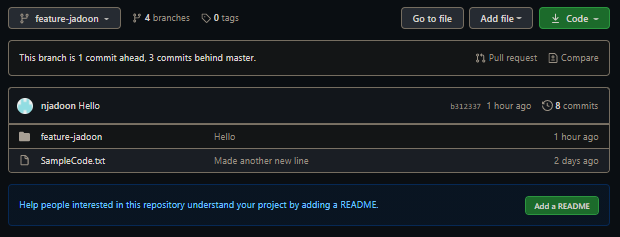
**Figure 1: Contributors**

**Merged Branch:**

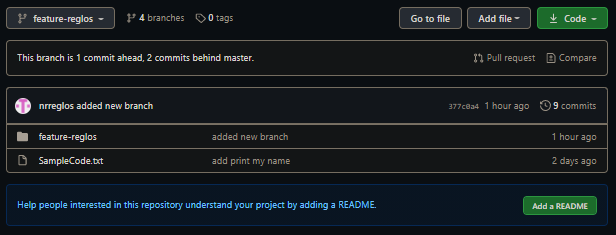
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**Figure 2: Merged Branches**

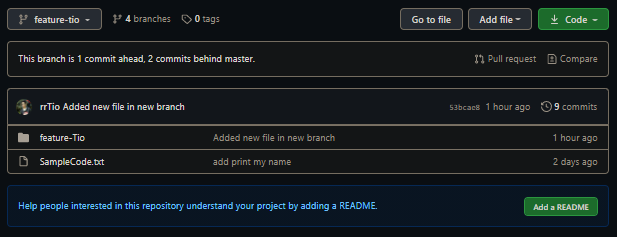
**Commits:**

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**Figure 3: Commits (Naix Jadoon)**

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**Figure 4: Commits (Neil Rendell Reglos)**

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**Figure 5: Commits (Rozs Raven Tio)**