Submission Worksheet

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IT202-452-M2024 - [Generic] Module 1 Git Readings via Local

Submissions:

Submission Selection

1 Submission [active] 5/23/2024 11:58:24 AM

Instructions

COLLAPSE

Preliminary Setup:

1. Go to w3schools.com
2. Create an account (preferably with your college account)
3. Visit my-learning.w3schools.com/tutorial/git
4. Complete the following readings:
    1. Essentials 1.1, 1.2, 1.3
    2. Essential Commands 2.1, 2.2, 2.3, 2.4
    3. Branch Management 3.1, 3.2
    4. Remote Collaboration 4.1-4.9
    5. Security Practices 6.1-6.3
    6. Attempt the Git Quiz (aim for <=70%)
5. Verify you're in the main branch via `git status` or `git branch`
6. If not, `git checkout main`
7. Create a branch for this assignment `git checkout -b M1-Git-Readings`
8. **Note**: In this assignment, we'll make the pull request later. In future assignments, we'll likely open it earlier so we can use the URL for assignments
9. Fill in the items in the worksheet below (save as often as necessary)
10. Once finished, export the worksheet
11. Take the exported file and add it anywhere in your repository (a Module1 folder is best, but not required)
12. Make sure git detects it by checking with `git status`
13. If everything is good, continue to submit
    1. Track the file either with `git add path/to/file` or `git add .`
    2. Commit changes via `git commit -m "some relevant message"`
    3. Push the changes via `git push origin M1-Git-Readings`

14. Go to GitHub and use the dropdown in the top left to find the M1-Git-Readings branch and ensure the file is present
15. If the file is there, either use the pull request popup or go to the pull request tab and open a request where main is base and M1-Git-Readings is compare
16. Open and complete the merge of the pull request (it should turn purple)
17. Go to Canvas and upload the same PDF that you just downloaded and pushed to GitHub

Branch name: M1-Git-Readings

Tasks: 2 Points: 10.00

Github Readings (10 pts.)

^COLLAPSE^

^COLLAPSE^

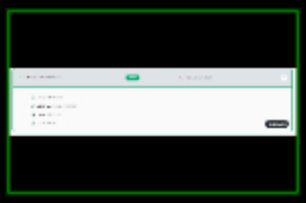
Task #1 - Points: 1

Text: Complete Reading of Below Topics

#1) Complete Essentials

Caption (required) ✓
Describe/highlight what's being shown
Completed Git Essentials 1.1-1.3

#2) Complete Essential



Caption (required) ✓
Describe/highlight what's being shown
Completed Git Essential Commands 2.1-2.4

#3) Complete Branch

Caption (required) ✓
Describe/highlight what's being shown
Completed Git Branch management 3.1,3.2

#4) Complete Remote

Caption (required) ✓
Describe/highlight what's being shown
Completed Git Remote collab 4.1-4.9

#5) Complete Security

Caption (required) ✓

#6) Attempt Quiz (>=70%)

Caption (required) ✓

Describe/highlight what's being shown
Completed Git Security practices 6.1-6.3

Describe/highlight what's being shown
Completed Git Quiz with 100%

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Task #2 - Points: 1

Text: Reflection

Details:
Each prompt should have a few reasonable sentences.

#1) Mentions issues or no issues

Explanation (required) ✓
Explain in concise steps how this logically works
No issues.

#2) Summarize core concepts related to the readings

Explanation (required) ✓
Explain in concise steps how this logically works
From the readings, I learned about Git and the functionalities it offers. It is a version control system tool that helps developers track changes in source code for any size project. There are two repositories, local (files and folder locally on the computer) and remote (files and folders hosted on cloud server that is used by your team members). The core concepts that make up the development flow include: commits (changes), branches (separate version of the main repository that is used to add features, fix bugs, etc) , staging (before a commit is pushed), merging (merge changes from branches), merge conflicts (changes collide with each other which requires manual review), forking (copying a repo), .gitignore (preventing certain files/folders from being uploaded to the remote repo), and pull requests (proposal and discussion to merge changes from one branch to another).

End of Assignment