

MUSOPLAN POST PRODUCTION VSC REPORT BY GLOBEX

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1. Difficulties during development

One of the requirements of using a VCS is to never commit multiple changes at once.

The instructions were as written:

'Commit scope should be kept to a single change e.g., "Add function foo to example.js" not "Add function foo to example.js, updated configuration file for other_example.json, added error handling for another_one.js'

I found this over restrictive and counter productive. Many of the functions share similar syntax and methodologies. It is preferred that the same technique is used throughout the entire program.

Many times I found myself making a decision midway through making a function that would require me to go back and change many other functions in order to comply with this decision, since the new function relied on how the old ones work. However, by definition of this rule I would have to go through and make these changes after I have finished the current function and added/committed it. Without ever testing if it works since the old functions haven't been rewritten or adapted. This led to having to rewrite the new function and recommitting it since it never worked in the first place. This rule severely hurts productivity and multitasking which are natural aspects of development. No system is so robotic that previous work should not be revisited. I was able to keep commits to one file at a time even though I worked on multiple files at once.

2. Organizational requirements

All organizational requirements were met.

- Github was used throughout the entire development.
- A branch was created after most of the empty initial files were made.
- Commit messages were present tense and imperative mood. Almost like writing instructions.
- Not all commit messages were a single change due to lack of understanding. Eventually, they became only single changes.
- Readme.md file exists.

3. Verification

Github worked as expected.

- When the branch was created and 'checked out' to. The directory tag changed from (main) to (build) which was the branch name.
- 'Git status' was used very often to ensure 'git add' and 'git commit' were adding one file correctly.
- 'Git log' was used to list the previous commits.
- The merge worked successfully
- The Push worked successfully.