Brianna Brockington

March 15, 2024
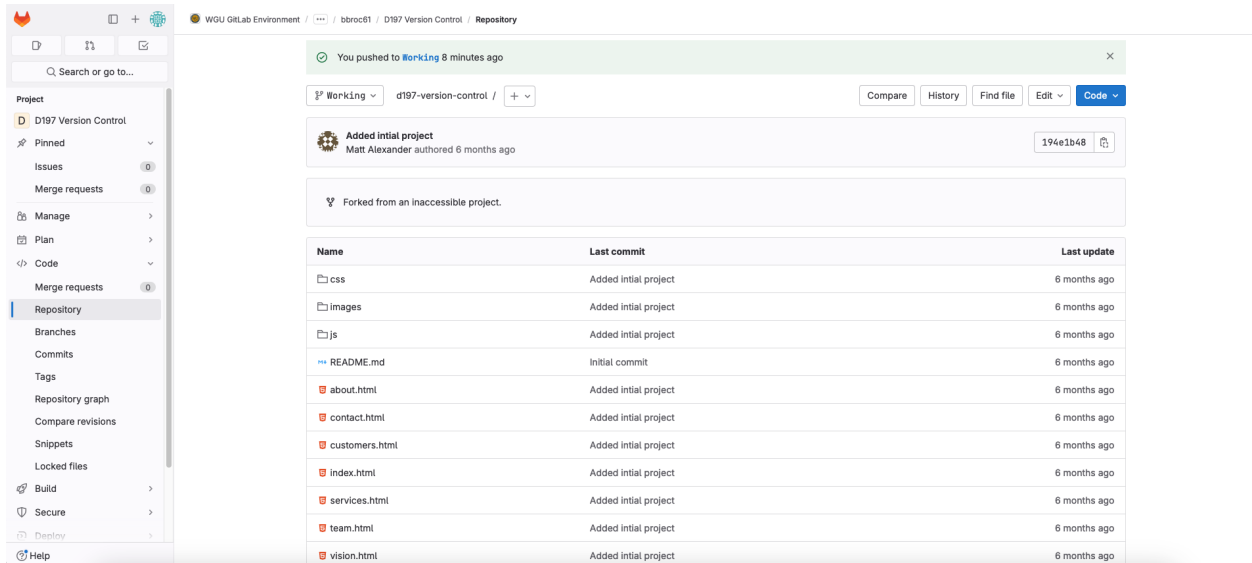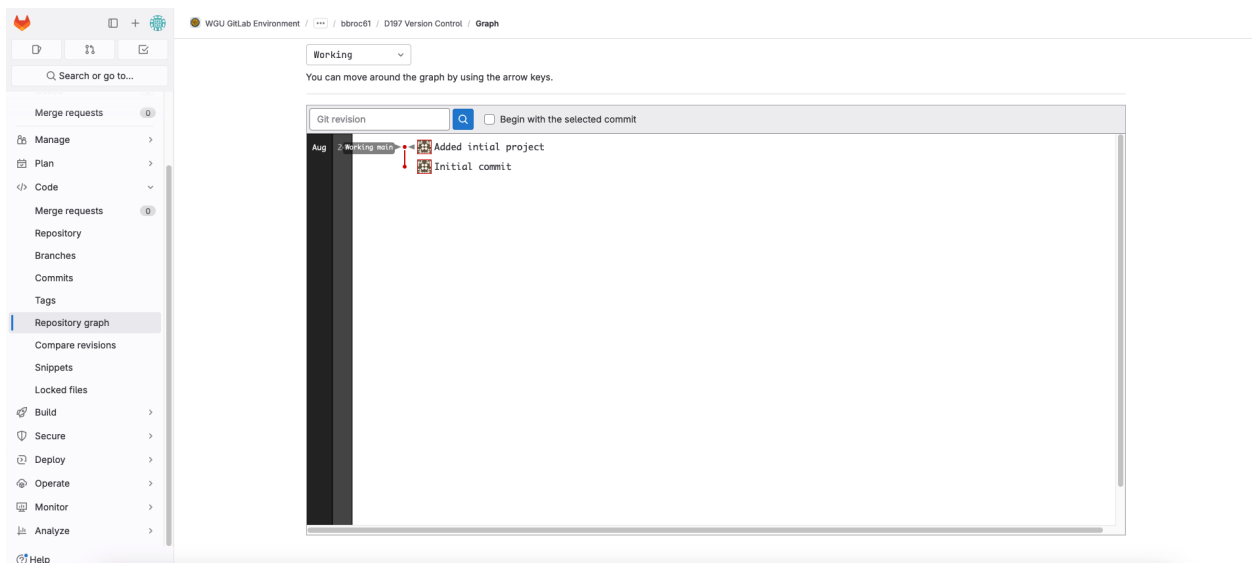
D197: Performance Assessment

D197 - Version Control Template

Step A Screenshot

Below is a screenshot of the current repository graph in Gitlab after completing the steps in A:
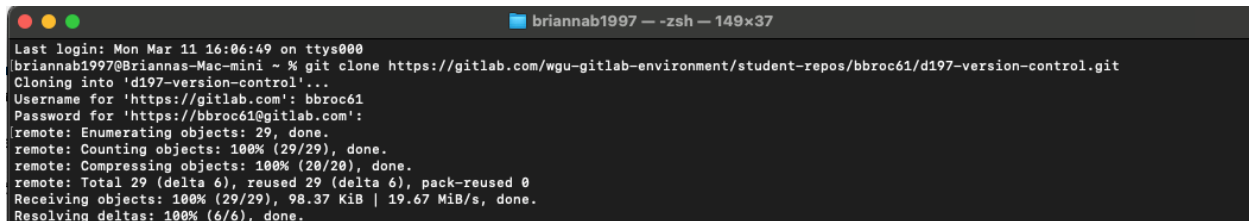

Caption: Screenshot following successful push regarding the Working branch.

Caption: Screenshot of current repository graph after creating the Working branch.

Step B Screenshot

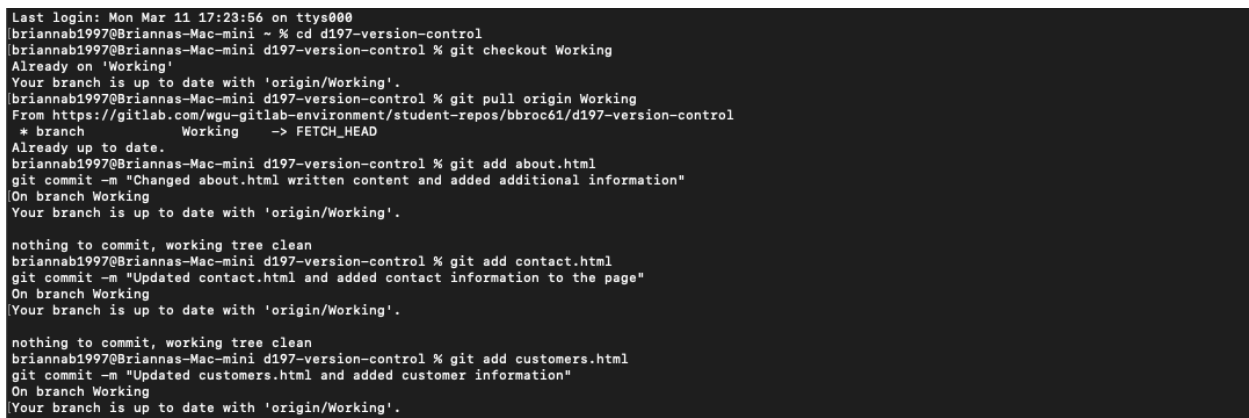Below is a screenshot of the command line action after completing the steps in B:

Caption: Screenshot of the command line action following the cloning of the remote repository from GitLab to my local machine.

Step C Screenshot

Below is a screenshot for each git command for each change made to the HTML files after completing the steps in C:
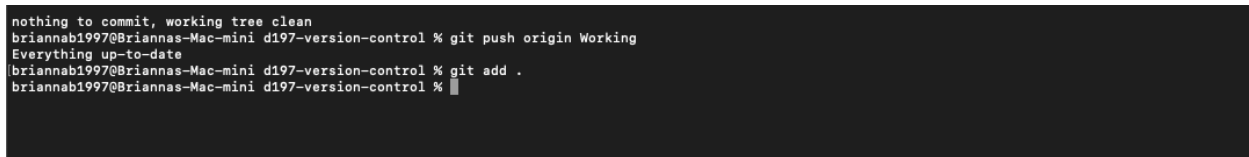

Caption: Screenshot of three modified HTML files on the Working branch, committing each change with detailed notations, followed by pushing the branch to GitLab.

Below is a screenshot of the command line action after completing the steps in C:

Caption: Screenshot of the command line action.

Step D Two Screenshots

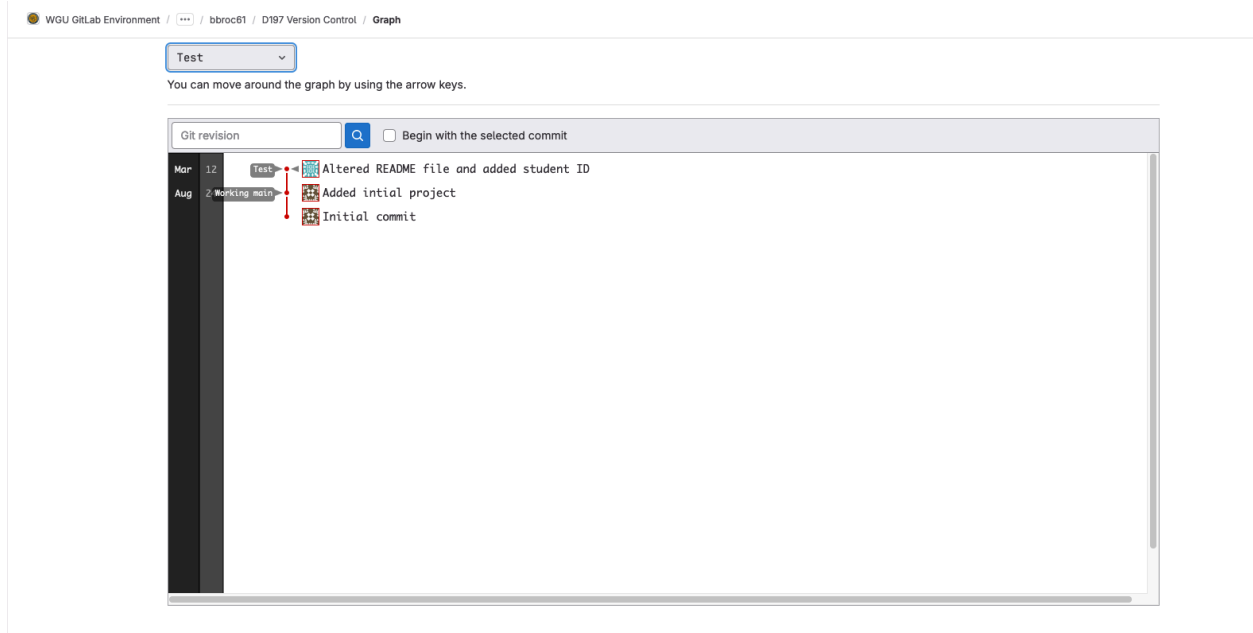Below is a screenshot of the command line action after completing the steps in D:

```
Last login: Tue Mar 12 14:39:05 on ttys000
[briannab1997@Briannas-Mac-mini ~ % cd d197-version-control
[briannab1997@Briannas-Mac-mini d197-version-control % git checkout test
Switched to branch 'test'
[briannab1997@Briannas-Mac-mini d197-version-control % nano README.md




[briannab1997@Briannas-Mac-mini d197-version-control % git add README.md
[briannab1997@Briannas-Mac-mini d197-version-control % git commit -m "Altered  README file and added student ID"
[test 94decea] Altered  README file and added student ID
 1 file changed, 1 insertion(+), 1 deletion(-)
```

```
briannab1997@Briannas-Mac-mini d197-version-control % git push origin Test
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 342 bytes | 342.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for Test, visit:
remote:   https://gitlab.com/wgu-gitlab-environment/student-repos/bbroc61/d197-version-control/-/merge_requests/new?merge_request%5Bsource_branch%5D=Test
remote:
To https://gitlab.com/wgu-gitlab-environment/student-repos/bbroc61/d197-version-control.git
   194e1b4..94decea  Test -> Test
briannab1997@Briannas-Mac-mini d197-version-control %
```

Caption: Screenshot containing the creation of the Test branch, adding the student ID to the README.md file and pushing the changes to the remote repository.

Below is a screenshot of the current repository graph in Gitlab after completing the steps in D:

Caption: Screenshot of updated repository graph including the Test branch.

Step E Two Screenshots

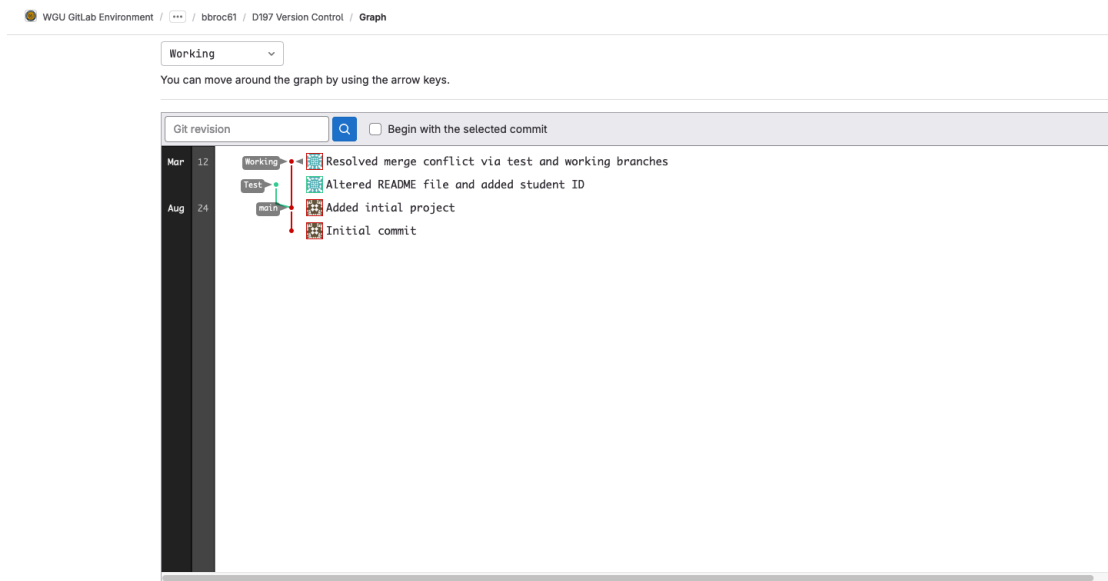Below is a screenshot that demonstrates the conflict of a merge command line after completing the steps in E:

```
briannab1997@Briannas-Mac-mini d197-version-control % git --version
git version 2.39.3 (Apple Git-146)
briannab1997@Briannas-Mac-mini d197-version-control % git checkout Working
Switched to branch 'Working'
Your branch is up to date with 'origin/Working'.
briannab1997@Briannas-Mac-mini d197-version-control % nano README.md

briannab1997@Briannas-Mac-mini d197-version-control %
briannab1997@Briannas-Mac-mini d197-version-control % nano README.md
briannab1997@Briannas-Mac-mini d197-version-control % git merge Test
Updating 194e1b4..94decea
error: Your local changes to the following files would be overwritten by merge:
        README.md
Please commit your changes or stash them before you merge.
Aborting
briannab1997@Briannas-Mac-mini d197-version-control % git add README.md

briannab1997@Briannas-Mac-mini d197-version-control % git commit -m "Resolved merge conflict via test and working branches"
[Working 8bcab7a] Resolved merge conflict via test and working branches
 1 file changed, 1 insertion(+), 1 deletion(-)
briannab1997@Briannas-Mac-mini d197-version-control % git push origin Working
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 372 bytes | 372.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for Working, visit:
remote:   https://gitlab.com/wgu-gitlab-environment/student-repos/bbroc61/d197-version-control/-/merge_requests/new?merge_request%5Bsource_branch%5D=Working
remote:
To https://gitlab.com/wgu-gitlab-environment/student-repos/bbroc61/d197-version-control.git
   194e1b4..8bcab7a  Working -> Working
briannab1997@Briannas-Mac-mini d197-version-control %
```

Caption: Screenshot of a merge conflict with the Test branch and merging it into the Working branch, which resolves the conflict. The screenshot also includes pushing the changes to GitLab.

Below is a screenshot of the current repository graph in Gitlab after completing the steps in E:

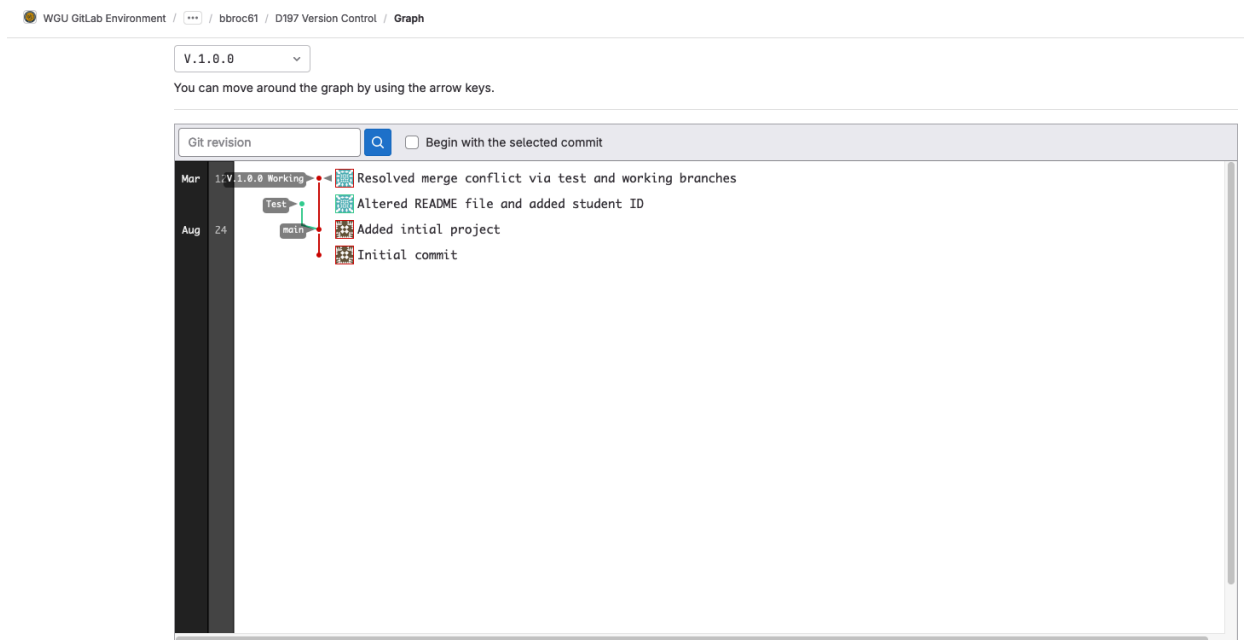Caption: Screenshot of the repository graph reflecting the changes of the merge conflict to GitLab.

Step F Two Screenshots

Below is a screenshot of the command line action after completing the steps in F:

Caption: Screenshot of updating version to V.1.0.0 and confirmation of pushed changes to GitLab.

Below is a screenshot of the current repository graph in Gitlab after completing the steps in F:

Caption: Screenshot of the repository graph with the updated version number and confirmation of pushed changes to GitLab.

Step G Screenshot

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Caption: Creation of the retrospective directory, log.txt, and summary.txt files. This will contain information of the summaries on the merge conflict resolution and changes made in section C1.

Caption: Screenshot of the retrospective/summary.txt section. This will also be located within the retrospective directory.

Caption: Screenshot of command line that will place the PDF file containing screenshots to the retrospective directory, followed by pushing all changes.