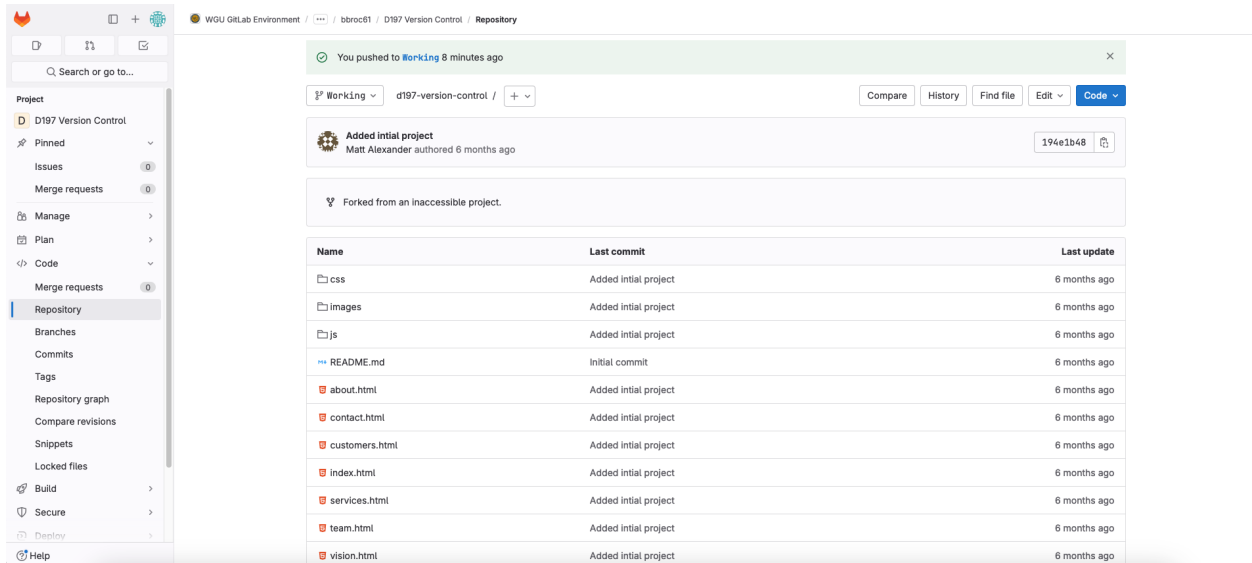


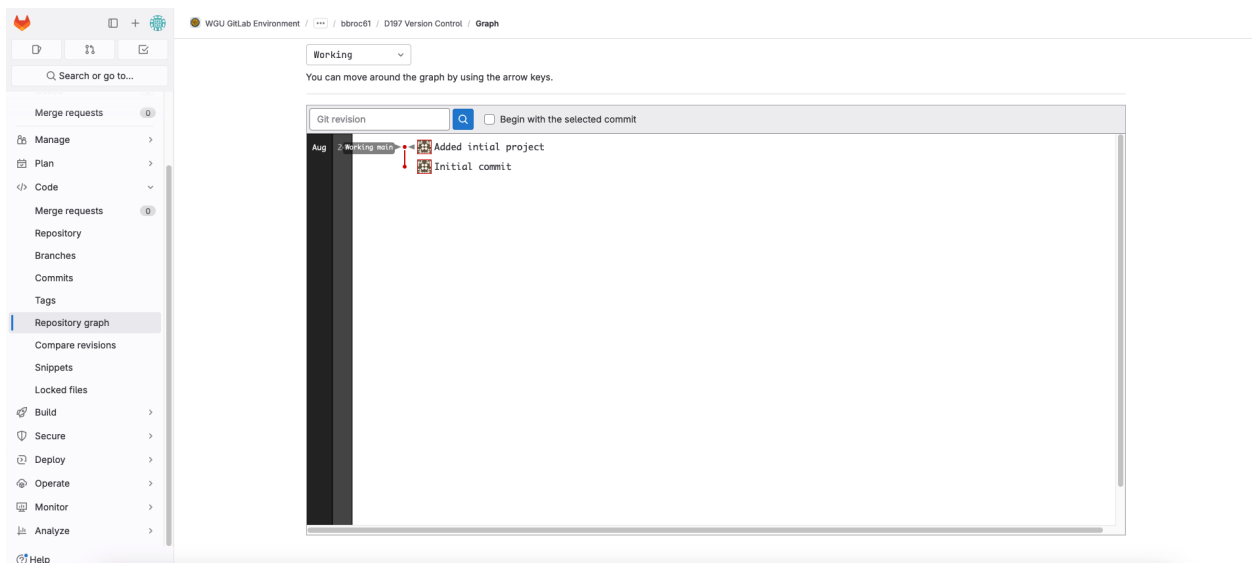
D197 - Version Control Template

Step A Screenshot

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



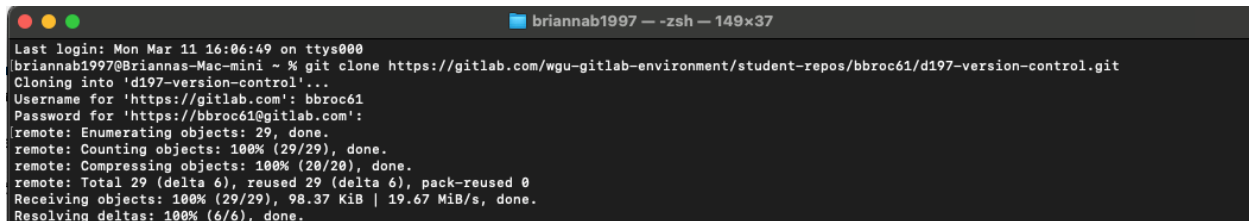
Caption: Screenshot following successful push regarding the Working branch.



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:

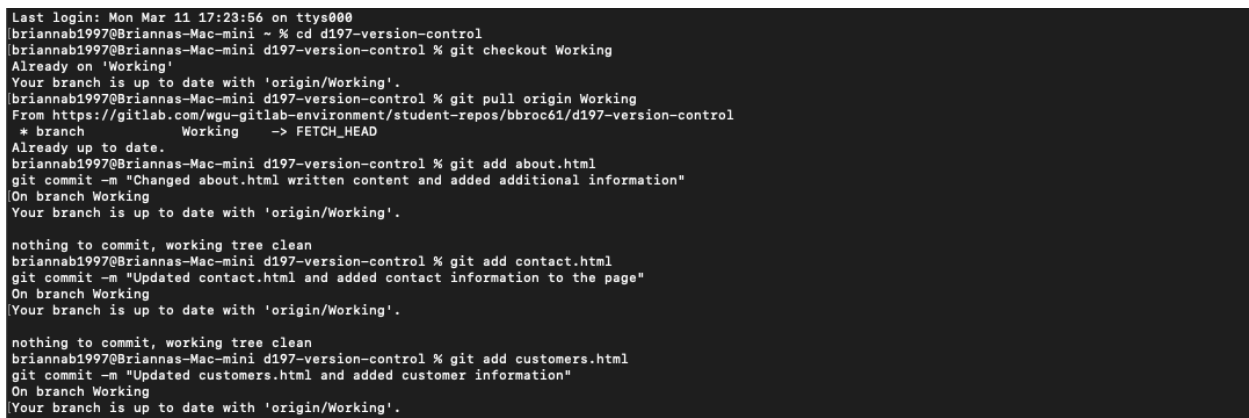


```
briannab1997 -- zsh -- 149x37
Last login: Mon Mar 11 16:06:49 on ttys000
briannab1997@Briannas-Mac-mini ~ % git clone https://gitlab.com/wgu-gitlab-environment/student-repos/bbroc61/d197-version-control.git
Cloning into 'd197-version-control'...
Username for 'https://gitlab.com': bbroc61
Password for 'https://bbroc61@gitlab.com':
remote: Enumerating objects: 29, done.
remote: Counting objects: 100% (29/29), done.
remote: Compressing objects: 100% (20/20), done.
remote: Total 29 (delta 6), reused 29 (delta 6), pack-reused 0
Receiving objects: 100% (29/29), 98.37 KiB | 19.67 MiB/s, done.
Resolving deltas: 100% (6/6), done.
```

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:



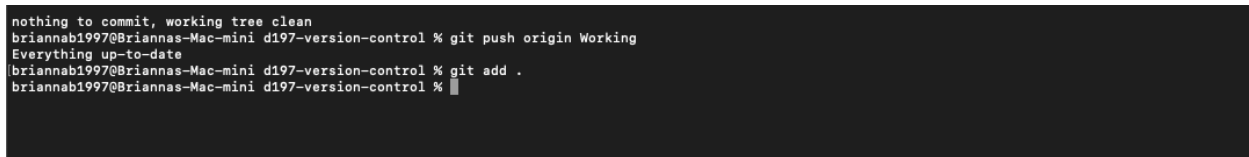
```
Last login: Mon Mar 11 17:23:56 on ttys000
briannab1997@Briannas-Mac-mini ~ % cd d197-version-control
briannab1997@Briannas-Mac-mini d197-version-control % git checkout Working
Already on 'Working'
Your branch is up to date with 'origin/Working'.
briannab1997@Briannas-Mac-mini d197-version-control % git pull origin Working
From https://gitlab.com/wgu-gitlab-environment/student-repos/bbroc61/d197-version-control
* branch      Working      -> FETCH_HEAD
Already up to date.
briannab1997@Briannas-Mac-mini d197-version-control % git add about.html
git commit -m "Changed about.html written content and added additional information"
On branch Working
Your branch is up to date with 'origin/Working'.

nothing to commit, working tree clean
briannab1997@Briannas-Mac-mini d197-version-control % git add contact.html
git commit -m "Updated contact.html and added contact information to the page"
On branch Working
Your branch is up to date with 'origin/Working'.

nothing to commit, working tree clean
briannab1997@Briannas-Mac-mini d197-version-control % git add customers.html
git commit -m "Updated customers.html and added customer information"
On branch Working
Your branch is up to date with 'origin/Working'.
```

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:



```
nothing to commit, working tree clean
briannab1997@Briannas-Mac-mini d197-version-control % git push origin Working
Everything up-to-date
briannab1997@Briannas-Mac-mini d197-version-control % git add .
briannab1997@Briannas-Mac-mini d197-version-control %
```

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:

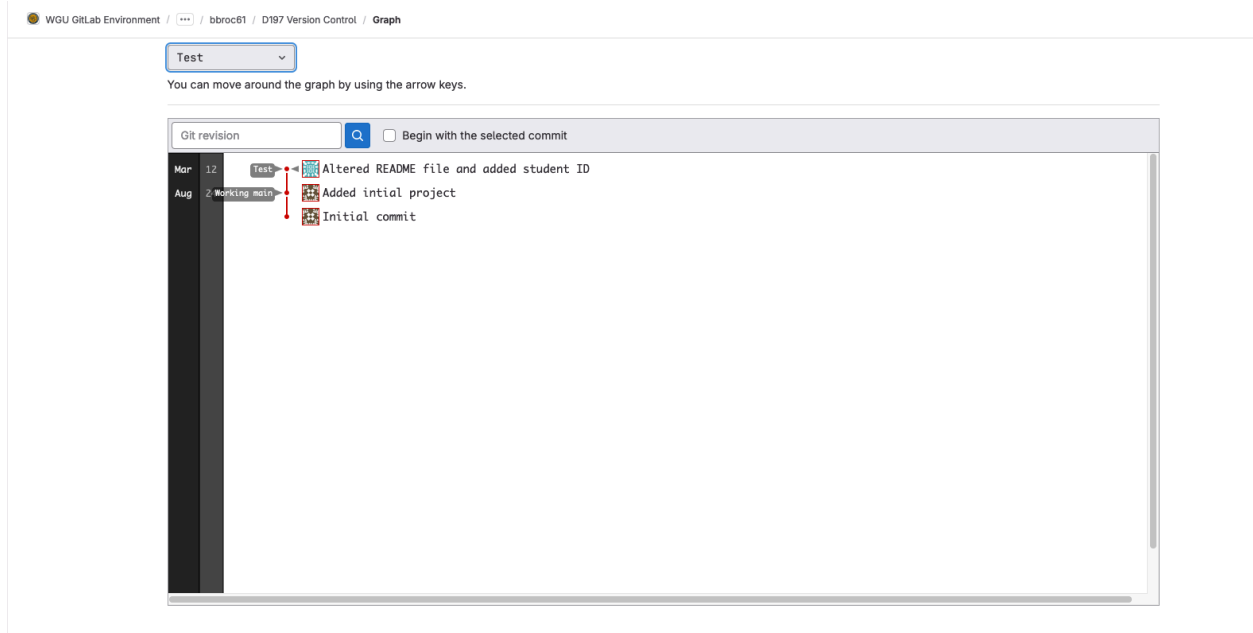
```
Last login: Tue Mar 12 14:39:05 on ttys000
briannab1997@Briannas-Mac-mini ~ % cd d197-version-control
briannab1997@Briannas-Mac-mini d197-version-control % git checkout test
Switched to branch 'test'
briannab1997@Briannas-Mac-mini d197-version-control % nano README.md

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:

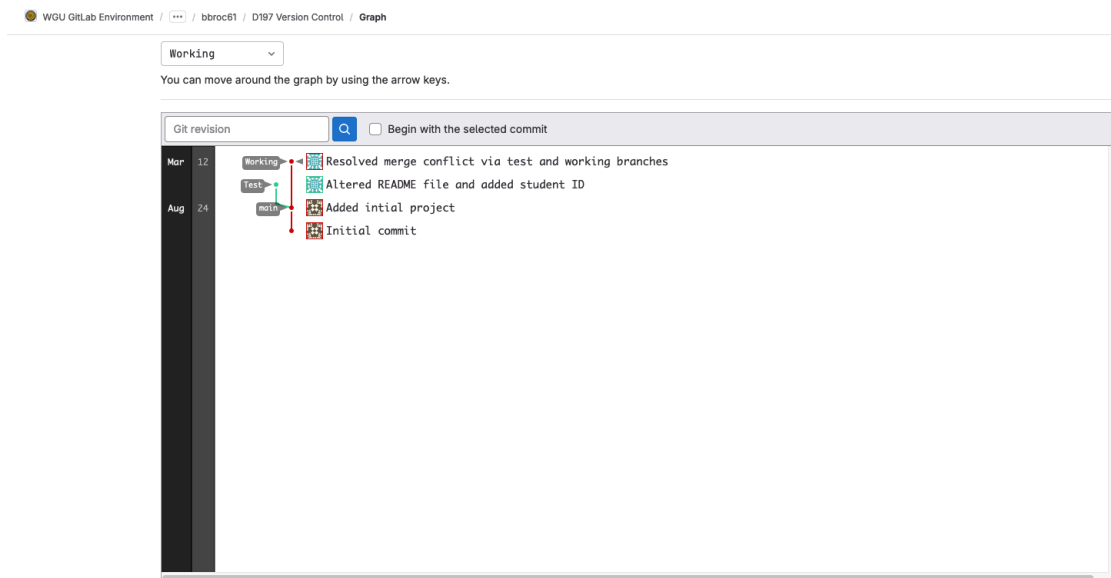
```
briannab1997@Briannas-Mac-mini d197-version-control % git --version
git version 2.39.3 (Apple Git-146)
briannab1997@Briannas-Mac-mini d197-version-control % git checkout Working
Switched to branch 'Working'
Your branch is up to date with 'origin/Working'.
briannab1997@Briannas-Mac-mini d197-version-control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

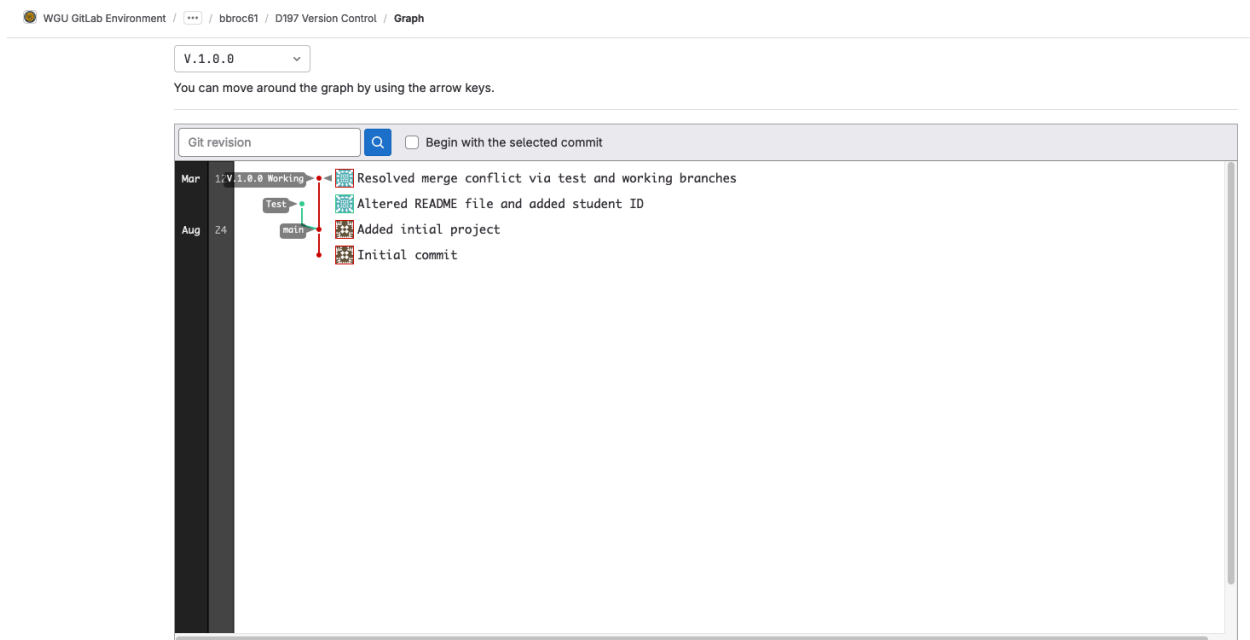
Step F Two Screenshots

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

```
briannab1997@Briannas-Mac-mini d197-version-control % git tag V.1.0.0 Working
briannab1997@Briannas-Mac-mini d197-version-control % git push origin V.1.0.0
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://gitlab.com/wgu-gitlab-environment/student-repos/bbroc61/d197-version-control.git
* [new tag]          V.1.0.0 -> V.1.0.0
briannab1997@Briannas-Mac-mini d197-version-control %
```

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

```
briannab1997@Briannas-Mac-mini d197-version-control % mkdir retrospective
briannab1997@Briannas-Mac-mini d197-version-control % git log > retrospective/log.txt
briannab1997@Briannas-Mac-mini d197-version-control % cd retrospective
briannab1997@Briannas-Mac-mini retrospective % nano summary.txt
briannab1997@Briannas-Mac-mini retrospective % git add retrospective
fatal: pathspec 'retrospective' did not match any files
briannab1997@Briannas-Mac-mini retrospective % cd d197-version-control
cd: no such file or directory: d197-version-control
briannab1997@Briannas-Mac-mini retrospective % mkdir retrospective
briannab1997@Briannas-Mac-mini retrospective % git log > retrospective/log.txt
briannab1997@Briannas-Mac-mini retrospective % nano retrospective/summary.txt
briannab1997@Briannas-Mac-mini retrospective % git add retrospective
briannab1997@Briannas-Mac-mini retrospective % git commit -m "Updated text and retrospective details."
[Working d783aa8] Updated text and retrospective details.
 2 files changed, 27 insertions(+)
 create mode 100644 retrospective/retrospective/log.txt
 create mode 100644 retrospective/retrospective/summary.txt
briannab1997@Briannas-Mac-mini retrospective % git push origin Working
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 1.23 KiB | 1.23 MiB/s, done.
Total 6 (delta 1), 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
   8bcab7a..d783aa8 Working -> Working
briannab1997@Briannas-Mac-mini retrospective %
```

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.

```
Merge Conflict Summary:
While working to merge the Test and Working branches within my repository, I encountered an issue with the README.md file due to the changes made that created a conflict. Once this issue was identified, I reviewed both branches and the information associated with them
C1 Changes Summary:
about.html: 'Changed about.html written content and added additional information.' Additional information about the business/page will be added in for public viewing and knowledge.
contact.html: 'Updated the contact.html file to include contact information.' Contact information is being added to user access if needed.
customers.html: 'Updated customers.html and added customer information.' Adding relevant information for customer viewing.
█
```

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