

Documentation: Version control

Task: To add a delivery date feature to the internal company application

Steps:

1. Forked the application from a repository on github.
2. Created an issue on github for the new feature to be added.
3. Using git clone command, cloned the github repo to my local machine.
4. Created a new branch called feature/add-delivery-date for storing the code for adding the new feature.
5. Modified and updated the codes for app.py and orders.html files to accommodate the new delivery-date column.
6. Pushed the changed files to github repo with a commit message detailing the changes to the files.
7. Created and submitted a pull request (PR) in github to merge the code changes from the feature branch into the main branch, therefore integrating the new feature into the web application functionality.
8. Navigated to the PR, reviewed the changes and merged the feature/Add-deliver-date branch to main.
9. Following a confirmation that the delivery_date was no longer necessary, then the changes made to the main branch had to be reverted. Firstly, a new branch called revert-delivery-date had to be created on the local machine powershell cli. Then the git log command was used to find the commit hash of the specific change to revert. GitHub's commit history can be used too. Reverted to the latest commit which has as Author the author of the original GitHub repository forked. This commit will contain the original version of the code, before changes were made. The command to revert the specific commit: `git revert COMMIT_HASH`
10. Pushed the changes to the remote branch
11. Created a pull request to merge the revert branch into main. Approved and merged the PR to revert the changes.