

Peer-Exercise : Exercise 3: Collaborative Website Development with Git and GitLab (1)

Exercise :

Working with a partner, your task is to collaboratively create a website for a fictitious event, such as a conference, using HTML and CSS. The website will have at least three pages: a Home page, an About page, and a Contact page. Use Git for version control and GitLab as your remote repository.

Steps to Complete the Exercise:

1. Set Up GitLab

- If one of you doesn't have a GitLab account yet, create one [here](#).
- One team member should create a new repository in GitLab named "event-website". Make sure to set the visibility level to "Public" or "Internal" and invite the other team member as a collaborator.

2. Clone the Repository

- Both team members should clone the repository to their local machines by running `git clone <GitLab-repo-url>`, where `<GitLab-repo-url>` is the URL of your GitLab repository.

3. Plan Your Work

- Discuss and divide the work among yourselves. For instance, one of you can work on the Home and About pages while the other can work on the Contact page.

4. Create Your Website

- Each of you should create the necessary HTML and CSS files in your local repository. Remember to regularly run `git status` to check the status of your

files.

5. Commit Your Changes

- Once you've made some changes, stage the changes with `git add .`, then commit them with `git commit -m "Descriptive commit message"`. Be sure to replace "Descriptive commit message" with a message that describes the changes you've made.

6. Pull and Push Your Changes

- Before pushing your changes, pull the latest changes from GitLab using `git pull`. This helps prevent merge conflicts.
- Push your changes to GitLab with `git push`.

7. Resolve Any Merge Conflicts

- If there are any merge conflicts when you pull or push, work together to resolve them. You can do this by manually editing the conflicted files to remove the conflict markers and keep the desired changes. Then, add and commit the resolved files.

8. Check Your Work

- Go to your GitLab account and navigate to your "event-website" repository. You should see your HTML and CSS files there, along with all your commit messages.