**Exercise: Committing the project**

**Scenario**

At this stage of the course, you have created a database model with the name **LittleLemonDM**. You have also developed a database with the name **LittleLemonDB** and exported the SQL file.

In this exercise, you’ll take the next step and commit the project to the remote repository on GitHub.

**Prerequisites**

You should have already cloned the GitHub repository to a local repository named **db-capstone-project** in your machine's workspace directory.

**Task instructions**

Complete the following tasks to commit your project to Git.

**Task 1**

In this first task, you need to create a new branch and commit the changes. Here are a few steps that you can follow.

**Step 1: Create a new branch on your local repository**

Open the terminal and use the command **$ git checkout –B command <branch-name>** to create a new git branch.

**Step 2: add the project folder to the stage**

In the Git terminal, enter the command **$ git add**.

**Step 3: check the status**

In the Git terminal, enter the command **$ git status**. This will display a list of details about the commit.

**Step 4: commit the changes**

The Git command for this action is **$ git commit –m "message"**

**Task 2**

After completing the first task, you should carry out the following steps to push and pull the changes to GitHub.

**Step 1: Push the changes to the GitHub repository**

Use the command **$ git push –u origin <branch-name>**

**Step 2: Login to GitHub and open the repository**

The repository page should display the Compare & pull request button. Go ahead and press it.

Screenshot of compare & pull request button

**Step 3: Create pull request**

On the repository page, you’ll see the changes committed, and the Create & pull request button.

Screenshot of create pull request button

**Step 4: Merge pull request**

Review the changes and confirm by pressing the Merge pull request button.

Screenshot of merge request button

**Task 3**

After you complete the second task, you need to update the main branch by completing the following steps:

**Step 1: Login to the main branch of local repository**

Go back to the Git terminal and enter the command **$ git checkout main**

**Step 2: Update the main branch**

Use the **$ git pull** command.

**Conclusion**

In this exercise, you practiced the steps for pushing the Little Lemon database project files to the GitHub repository.

**Readiness Check: Did you push your commits?**

[Readiness Check: Did you push your commits?](https://www.coursera.org/learn/database-engineer-capstone/quiz/T6yc1/readiness-check-did-you-push-your-commits?trk_ref=coach_copy)  May 8, 2024

Welcome to the practice session! This is an opportunity for you to reinforce your understanding of key concepts related to updating, creating branches, and pushing/pulling changes in Git. We will start with three questions in a Q&A format. After that, we will assess your readiness to proceed with the assignment. Are you ready to begin?