Git Workflow Instructions

1. How to Create a Branch

To create a new branch and start working on it:

1. Check the current branch:

   git branch

2. Create a new branch:

   git checkout -b <branch-name>

3. Verify you are on the new branch:

   git branch

2. How to Test a Teammate's Branch

To test a branch created by a teammate:

1. Fetch the branch from the remote repository:

   git fetch origin <branch-name>

2. Checkout the branch:

   git checkout <branch-name>

3. Verify you are on the correct branch:

   git branch

4. Test the code by running it locally as per the project setup instructions.

3. How Not to Push to Main

To avoid pushing directly to the main branch:

1. Always create a new branch for your work:

   git checkout -b <branch-name>

2. Push your changes to the new branch instead of main:

   git push origin <branch-name>

3. Only merge to the main branch through a pull request after review.

4. How to Push to the Dev Branch

To push your changes to the 'develop' branch:

1. Switch to the develop branch:

   git checkout develop

2. Pull the latest changes from the remote develop branch:

   git pull origin develop

3. Merge your feature branch into develop (if needed):

   git merge <branch-name>

4. Push the develop branch to the remote repository:

   git push origin develop