

## ■ Team Git Workflow Guide

This document explains the workflow each team member should follow when working with Git on our project repository. All development work should be done on feature branches created from the 'develop' branch. The final Pull Request (PR) to 'develop' will be handled by the project maintainer.

### 1. Clone the repository (first time only)

- `git clone`
- `cd`

### 2. Switch to the 'develop' branch

- `git checkout develop`
- `git pull origin develop`

### 3. Create your own branch from 'develop'

- `git checkout -b feature/`
- Example: `git checkout -b feature/login-page`

### 4. Make your changes locally

- Edit, test, and save your files as needed.

### 5. Stage and commit your changes

- `git add .`
- `git commit -m "feat: add login page layout"`
- Commit message examples:
- `feat: new feature`
- `fix: bug fix`
- `chore: configuration or setup changes`
- `docs: documentation update`
- `refactor: code improvement`

### 6. Push your branch to GitHub

- `git push -u origin feature/`

### 7. Notify Maintainer for PR

- Once your branch is pushed, inform the project maintainer (you) to review and create the Pull Request into 'develop'.
- Team members should not merge Pull Requests themselves.

### 8. After merge approval

- `git checkout develop`
- `git pull origin develop`
- `git branch -d feature/`
- `git push origin --delete feature/`

## ■■ Important Rules

- Never push directly to 'main' or 'develop'.
- Always create your own branch from 'develop'.
- Pull from 'develop' frequently to stay up to date.
- One branch = one task or feature.
- Keep commits small and meaningful.

## ■ Example Full Workflow for 'Add Login Page'

- `git checkout develop`
- `git pull origin develop`
- `git checkout -b feature/login-page`
- # (make changes)
- `git add .`
- `git commit -m "feat: add login page"`
- `git push -u origin feature/login-page`
- # (maintainer handles PR → merge into develop)
- `git checkout develop`
- `git pull origin develop`
- `git branch -d feature/login-page`
- `git push origin --delete feature/login-page`