New GitHub Repository

**Red-ProjectHub**

**Create individual branches, then pull main branch into individual branch.**

1. Create repository folder of main branch: git clone <copy ssh key>
2. Pull from main branch: git pull
3. Create new individual branch: git branch <name of branch you want to create>
4. Navigate to new branch: git checkout <branch name you created in step 3>
5. Confirm you are in new branch: git branch
6. Get latest updates from main branch into individual branch: git pull origin main
7. Develop code in your individual branch
8. To push the folders and files to new branch for the first time: git push --set-upstream origin <branch you created>
9. To add any files after this initial push (ensure you are not on the main branch): git push
10. Switch back to new branch: git checkout main
11. Confirm you are in main branch: git branch
12. To add files from your individual branch to the main branch: See Module 13.3.(2-4)

**Git Flow Branch Strategy**

The main idea behind the Git flow branching strategy is to isolate your work into different types of branches. There are five different branch types in total:

Main

Develop

Feature

Release

Hotfix

The two primary branches in Git flow are main and develop. There are three types of supporting branches with different intended purposes: feature, release, and hotfix.