

GitHub Intro Day 3

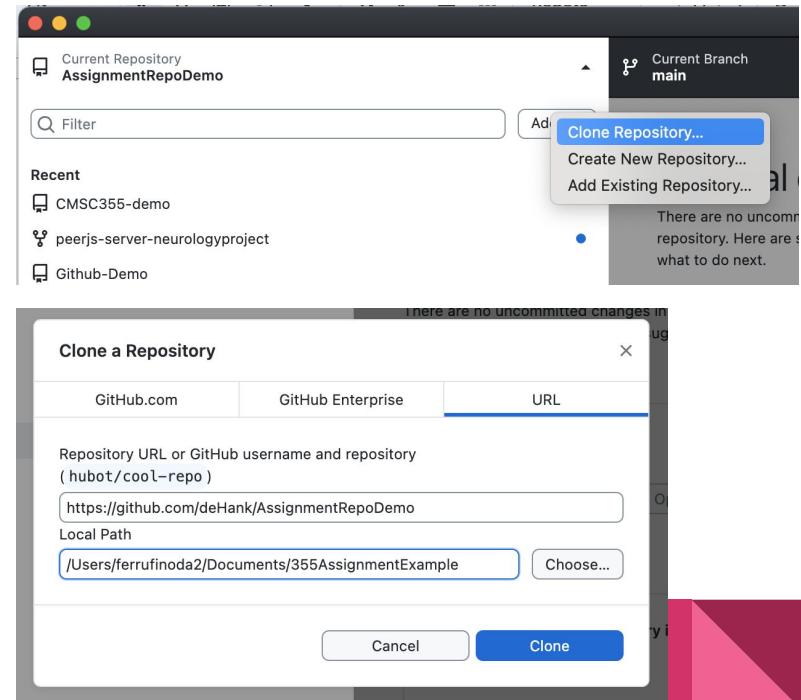
GitHub Assignment

What is a “fork”?

- A fork is a copy of a repository
 - You may then use this copy as your own project (Which we will be doing)
 - Or you may use this copy to contribute back to the original project
- In our case, you will fork my repository (which contains the placeholder files) and then replace the files with yours
 - Then you upload your fork of my project to your GitHub with your changes

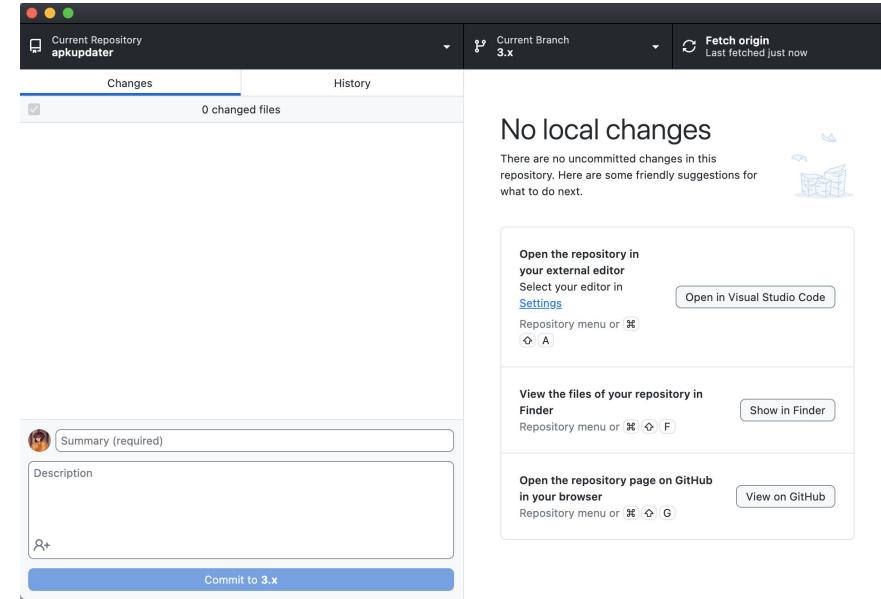
Here's a guide to complete your assignment

- In GitHub Desktop → Click add repo
 - Then do clone repo
- Create a new folder for your assignment
- And for the url place
 - [https://github.com/deHank/
AssignmentRepoDemo](https://github.com/deHank/AssignmentRepoDemo)

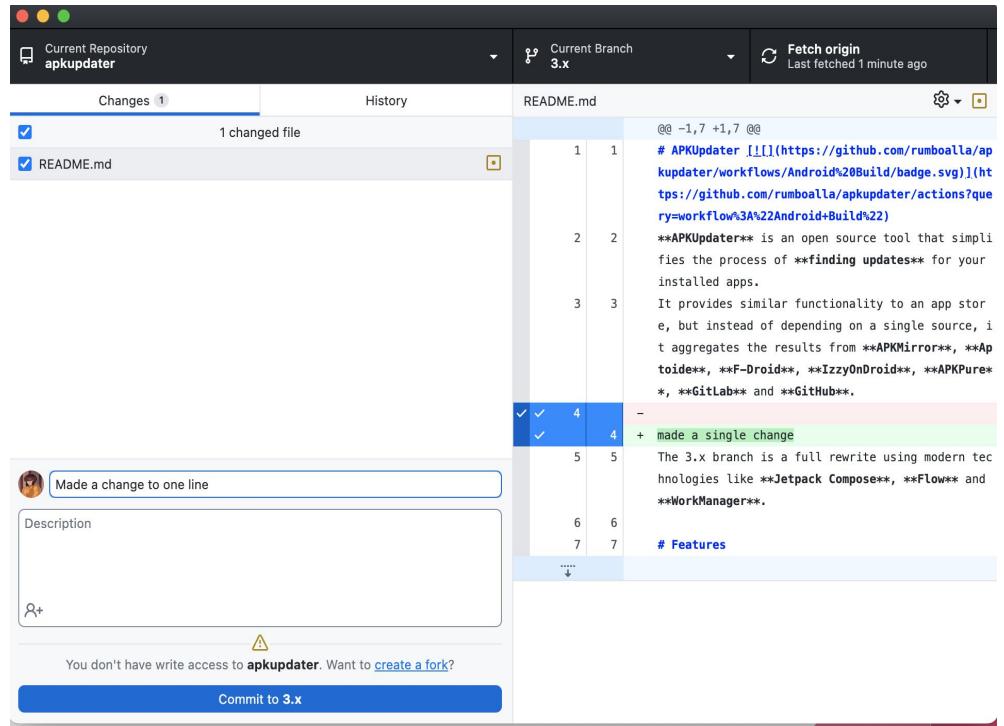


You should see this

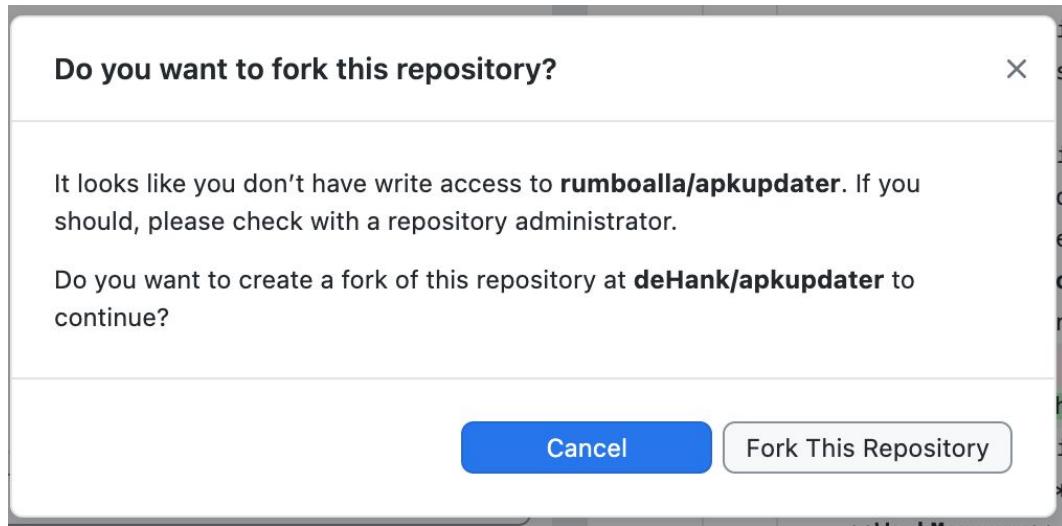
- Ignore the Current Repository Name being different (this is just an example)
- Now, make a change to any file in the repository itself
 - In this example, I edited the README and added a line
 - We just need to do this to get a change picked up on GitHub



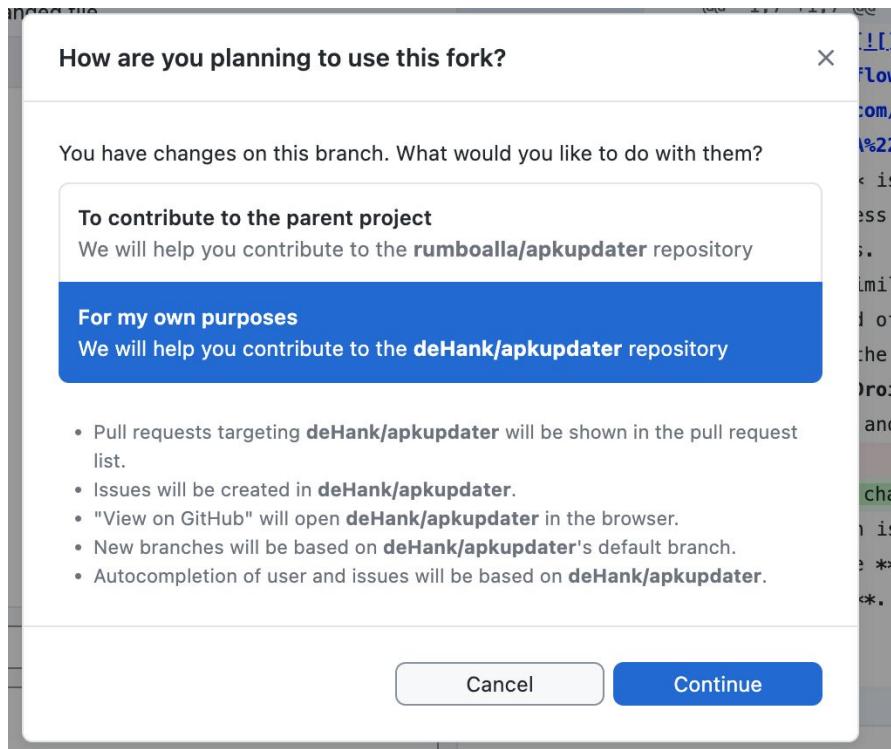
Click create a fork in the bottom



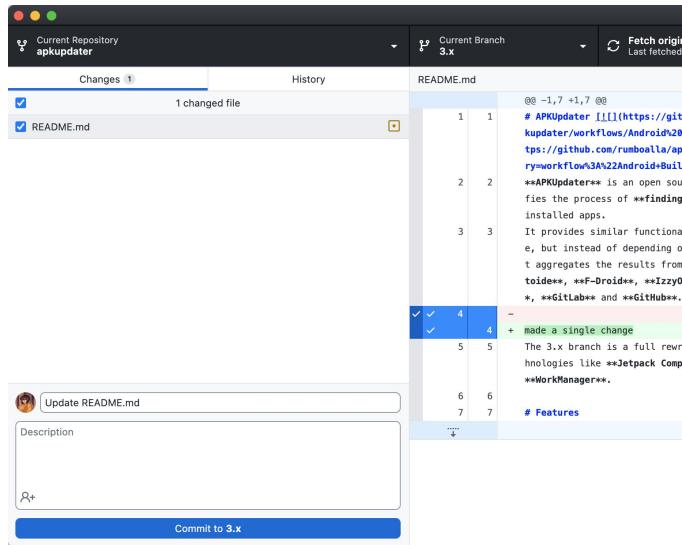
Then click for this repository



Then click for my own purposes → Click Continue



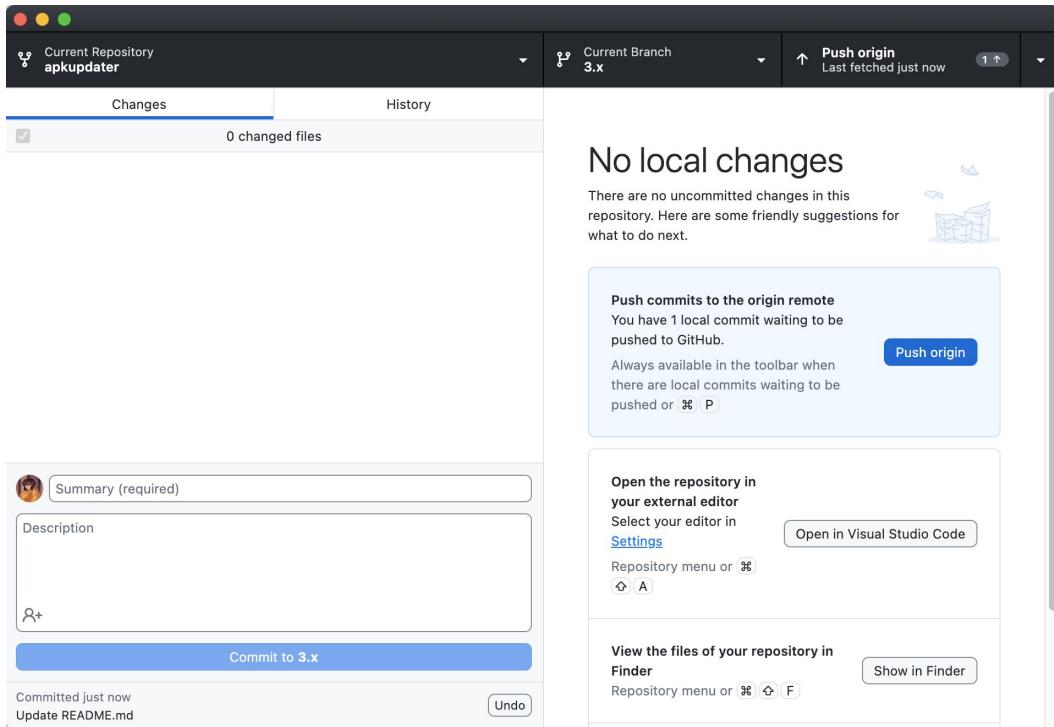
Create your commit like normal



A screenshot of a GitHub commit interface. The top bar shows "Current Repository apkupdater", "Current Branch 3.x", and "Fetch origin Last fetched". The main area shows a single file "README.md" with one change. The commit message is "Update README.md" and the description is "made a single change". The commit button at the bottom is "Commit to 3.x".

```
diff --git a/README.md b/README.md
@@ -1,7 +1,7 @@
 # APKUpdater [ ](https://github.com/rumboalla/APKUpdater/workflows/Android%20Build)
 https://github.com/rumboalla/APKUpdater/workflow/3A22Android+Build
@@ -1,7 +1,7 @@
 # APKUpdater is an open source tool that aggregates the process of finding installed apps.
 It provides similar functionality, but instead of depending on it aggregating the results from:
 toides*, **F-Droid**, **IzzyOn*, **GitLab** and **GitHub**.
@@ -1,7 +1,7 @@
 + made a single change
 The 3.x branch is a full rewrite using technologies like **Jetpack Compose** and **WorkManager**.
@@ -1,7 +1,7 @@
 # Features
```

And click push origin

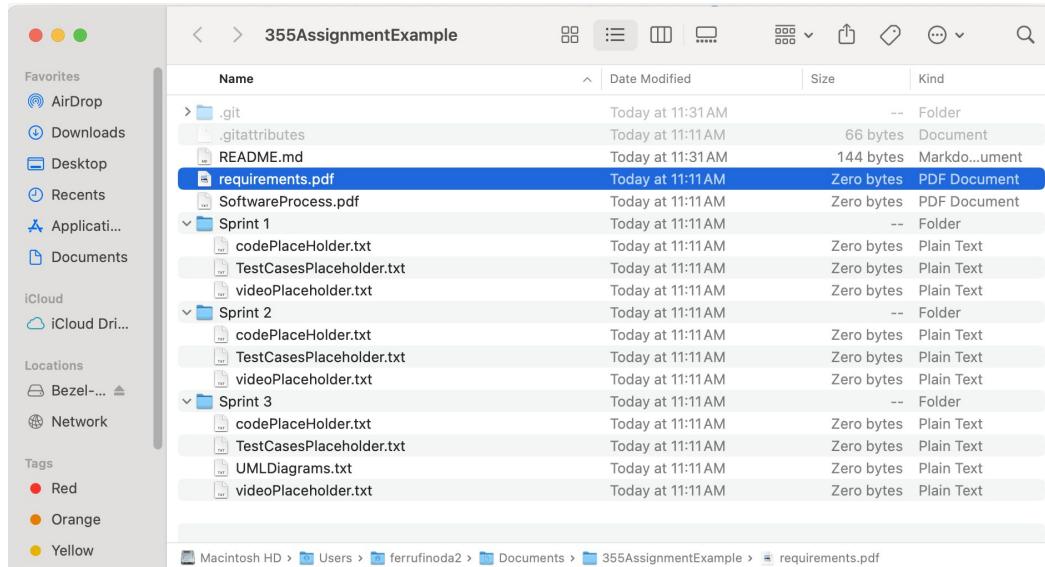


Check your GitHub and there should be a copy of the repo

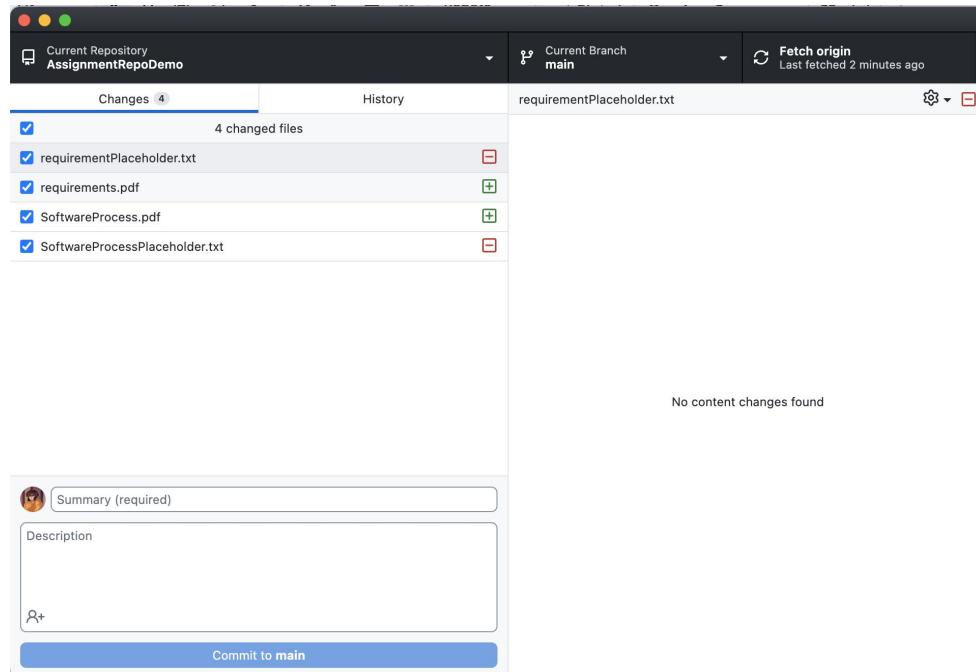
The screenshot shows a GitHub repository page for 'apkupdater'. At the top, there's a search bar and several navigation links: Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the header, the repository name 'apkupdater' is shown as a public fork from 'rumboalla/apkupdater'. The main content area displays the repository's status: '3.x' branch, 3 branches, 104 tags, and a note that this branch is 1 commit ahead of the upstream. There are buttons for 'Contribute' and 'Sync fork'. On the left, a list of recent commits by 'deHank' is shown, including updates to README.md, .github/workflows, app, fastlane/metadata/android, gradle/wrapper, .gitignore, LICENSE, and README.md. On the right, sections for 'About', 'Readme', 'GPL-3.0 license', 'Activity', and 'Releases' are visible.

Commit	Message	Time Ago
Update README.md	Programmatically get current year.	7 months ago
.github/workflows	Update strings.xml	last week
app	Update fastlane screenshots	last year
fastlane/metadata/android	GPlayApi Maven	5 months ago
gradle(wrapper)	Initial commit for 3.x rewrite	last year
.gitignore	Update LICENSE	8 months ago
LICENSE	Update README.md	2 minutes ago
README.md	Update README.md	2 minutes ago

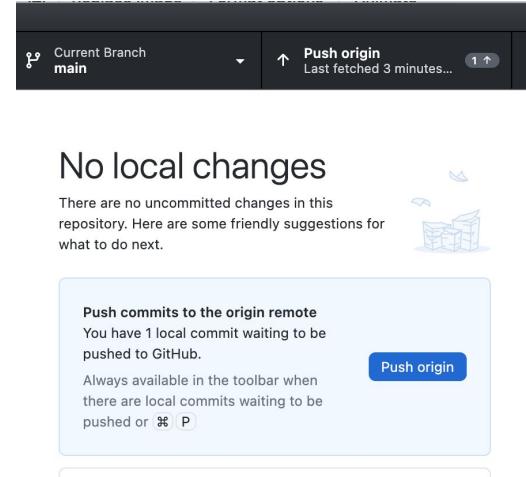
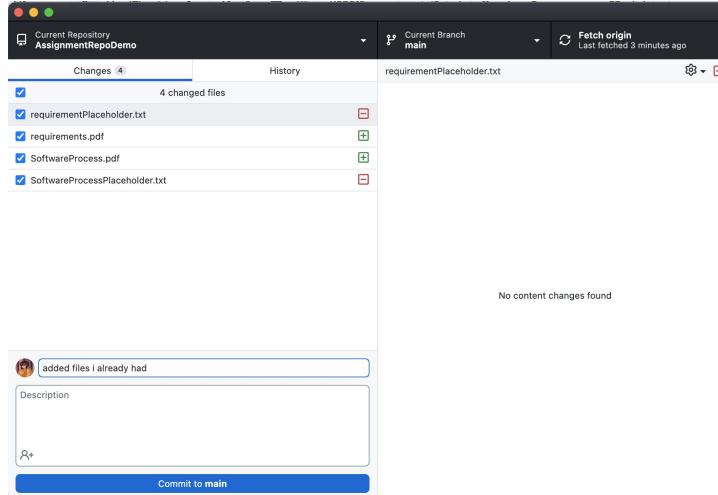
Now replace the placeholders with the files you actually have



And in GitHub Desktop you should see this



Make your commit and push!



Note:

- In this example I committed to main directly
 - This is only because I had just made the repo, you typically don't want to do this
- I am going to extend the due date to Wed Sep 24
- Only 1 repo is needed per group! However, place all of your group members names in the ReadME/Description of the GitHub
- Please make sure your repository is public!!!
 - I need it to be so I can see it and grade it