Application Development Project II

In this activity, we were tasked to practice git commands and use them to contribute to github repo: https://github.com/Pithovirus/AppDevProject2.git

I have created a simple project using a drawer design. I have already forked the main branch and added my Flutter project in it.

Here's a brief overview of the commands I used:

Used Git Commands
- git clone [github repo]
- git status
- git add .
- git status
- git commit -m "My message"
- git push

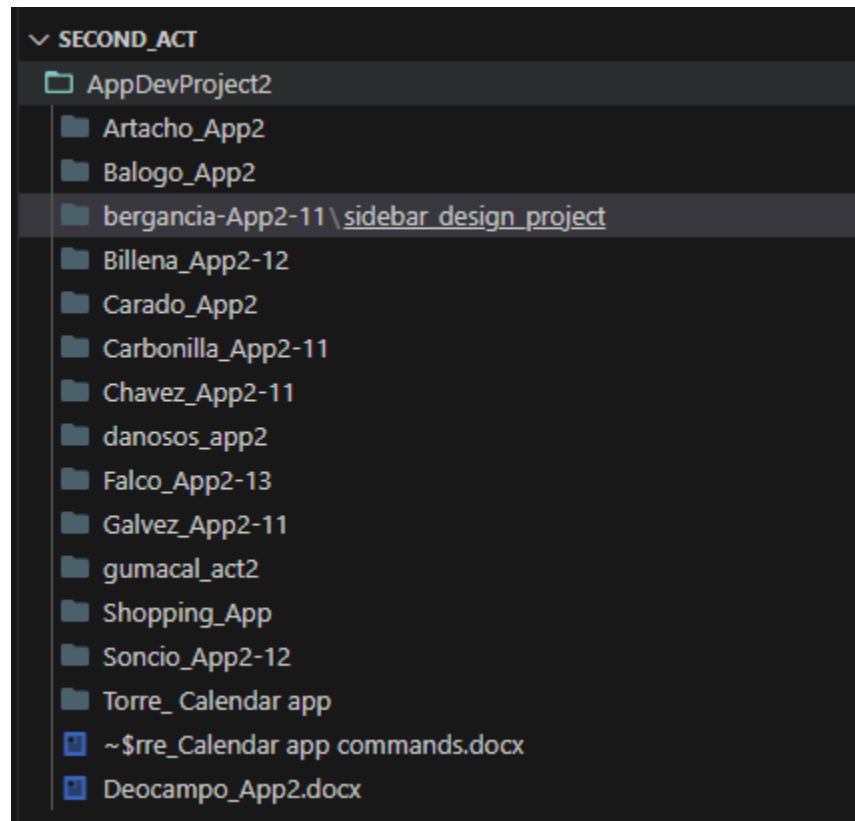Here are the Screenshots of me using git commands:

```
PS D:\BSCS 3-A AI 1st Sem\Applications Development and Emerging Technologies\Projects\second_act>
git clone https://github.com/Mauricio1408/AppDevProject2.git
Cloning into 'AppDevProject2'...
remote: Enumerating objects: 868, done.
remote: Counting objects: 100% (47/47), done.
remote: Compressing objects: 100% (40/40), done.
remote: Total 868 (delta 21), reused 7 (delta 7), pack-reused 821 (from 1)
Receiving objects: 100% (868/868), 9.95 MiB | 402.00 KiB/s, done.
Resolving deltas: 100% (388/388), done.
Updating files: 100% (1697/1697), done.
```

```
berga@merrymaurt MINGW64 /d/BSCS 3-A AI 1st Sem/Applications Development and Emerging Technologies
/Projects/second_act/AppDevProject2 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        bergancia-App2-11/

nothing added to commit but untracked files present (use "git add" to track)
```

My Folder System

As you can see, my project has been successfully completed. It is time to let git add it to our forked repository.

After adding, we'll have to check whether our changes have been tracked by git. We can do this by using git status.

```
berga@merrymaurt MINGW64 /d/BSCS 3-A AI 1st Sem/Applications Development and Emerging Technologies
/Projects/second_act/AppDevProject2 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   bergancia-App2-11/sidebar_design_project/.gitignore
        new file:   bergancia-App2-11/sidebar_design_project/.metadata
        new file:   bergancia-App2-11/sidebar_design_project/README.md
        new file:   bergancia-App2-11/sidebar_design_project/analysis_options.yaml
        new file:   bergancia-App2-11/sidebar_design_project/android/.gitignore
        new file:   bergancia-App2-11/sidebar_design_project/android/app/build.gradle
        new file:   bergancia-App2-11/sidebar_design_project/android/app/src/debug/AndroidManifest
.xml
        new file:   bergancia-App2-11/sidebar_design_project/android/app/src/main/AndroidManifest.
xml
        new file:   bergancia-App2-11/sidebar_design_project/android/app/src/main/kotlin/com/examp
le/sidebar_design_project/MainActivity.kt
        new file:   bergancia-App2-11/sidebar_design_project/android/app/src/main/res/drawable-v21
/launch_background.xml
        new file:   bergancia-App2-11/sidebar_design_project/android/app/src/main/res/drawable/lau
nch_background.xml
```

Now that we know that git has tracked our changes, we have to create a commit with our message.

```
berga@merrymaurt MINGW64 /d/BSCS 3-A AI 1st Sem/Applications Development and Emerging Technologies
/Projects/second_act/AppDevProject2 (main)
$ git commit -m "Initial Commit - Added Project"
[main 95b2ee9] Initial Commit - Added Project
 154 files changed, 5435 insertions(+)
 create mode 100644 bergancia-App2-11/sidebar_design_project/.gitignore
 create mode 100644 bergancia-App2-11/sidebar_design_project/.metadata
 create mode 100644 bergancia-App2-11/sidebar_design_project/README.md
 create mode 100644 bergancia-App2-11/sidebar_design_project/analysis_options.yaml
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/.gitignore
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/app/build.gradle
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/app/src/debug/AndroidManifest
.xml
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/app/src/main/AndroidManifest.
xml
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/app/src/main/kotlin/com/examp
le/sidebar_design_project/MainActivity.kt
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/app/src/main/res/drawable-v21
/launch_background.xml
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/app/src/main/res/drawable/lau
nch_background.xml
 create mode 100644 bergancia-App2-11/sidebar_design_project/android/app/src/main/res/mipmap-hdpi/
ic_launcher.png
```

After committing with our message, let us push our changes to our directory

```
berga@merrymaurt MINGW64 /d/BSCS 3-A AI 1st Sem/Applications Development and Emerging Technologies
/Projects/second_act/AppDevProject2 (main)
$ git push
info: please complete authentication in your browser...
Enumerating objects: 211, done.
Counting objects: 100% (211/211), done.
Delta compression using up to 8 threads
Compressing objects: 100% (163/163), done.
Writing objects: 100% (210/210), 1.92 MiB | 269.00 KiB/s, done.
Total 210 (delta 23), reused 113 (delta 15), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (23/23), completed with 1 local object.
To https://github.com/Mauricio1408/AppDevProject2.git
   768ff9a..95b2ee9  main -> main
```
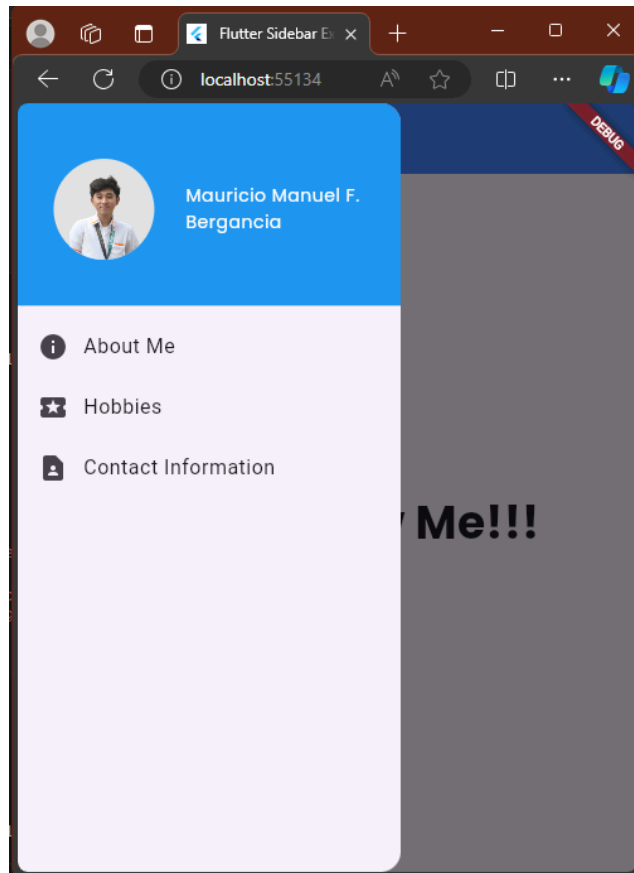
To check whether our forked repository has been updated, we will use git status one more time.

```
berga@merrymaurt MINGW64 /d/BSCS 3-A AI 1st Sem/Applications Development and Emerging Technologies
/Projects/second_act/AppDevProject2 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

Afterwards, I created a pull request on the main branch. That sums it up.

I will now show you the output of my Flutter project:

I have enjoyed this activity so much. I was able to familiarize myself with the git commands that are essential to master when collaborating with many other programmers.