

TECNOLÓGICO NACIONAL DE MÉXICO

# INSTITUTO TECNOLÓGICO DE TIJUANA

SUBDIRECCIÓN ACADÉMICA  
DEPARTAMENTO DE SISTEMAS COMPUTACIONALES  
Semestre: AGOSTO - DICIEMBRE 2020

## **CARRERA**

Ingeniería en Sistemas Computacionales

## **MATERIA**

Datos Masivos

## **TÍTULO**

Práctica de Git Flow

## **UNIDAD**

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## **ALUMNO(S) Y NO. DE CONTROL**

Encarnacion Ocampo Gustavo 16211993

## **DOCENTE**

JOSE CHRISTIAN ROMERO HERNANDEZ

1. Create an account on github.com if you don't have one, if you already have one then we're fine

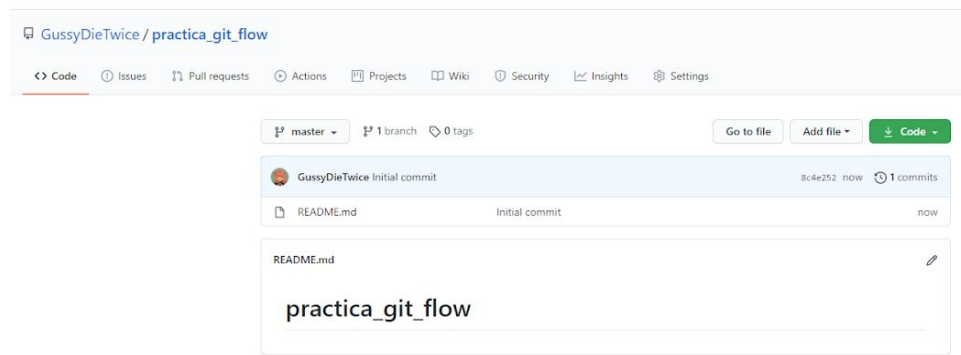
The screenshot shows a GitHub profile for Gustavo Encarnacion Ocampo (GussyDieTwice). The profile includes a custom avatar of a red-haired anime character, a bio mentioning 'University/Synths/Videogames', and a location in Tijuana, B.C. The 'Popular repositories' section shows 'CompiladorScala' with a Scala logo. The '43 contributions in the last year' section displays a calendar heatmap with activity from February to March. The 'Contribution activity' section shows a timeline for April - September 2020, indicating no activity for that period, and March 2020, showing 21 commits in 1 repository for 'tectijuana/sistemasprogramables-kamikaze'.

2. Configure your github account with SHH key, so as not to put our username and password every time.

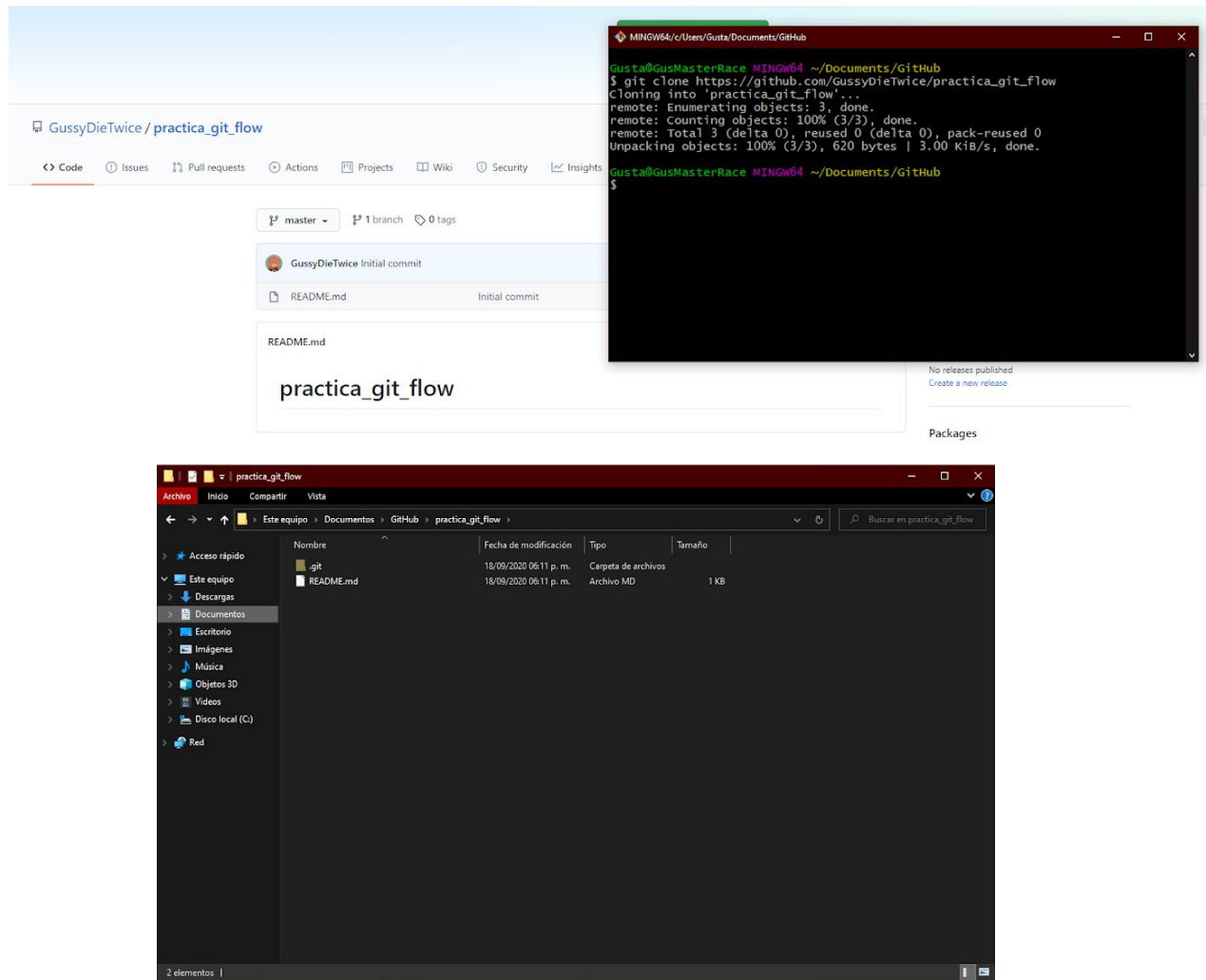
3. Create a new repository called practica\_git\_flow

The screenshot shows the 'Create a new repository' form. It includes fields for 'Repository template' (set to 'No template'), 'Owner' (GussyDieTwice), and 'Repository name' (practica\_git\_flow). There is a note about great repository names being short and memorable. The 'Description (optional)' field is empty. The 'Public' checkbox is selected, indicating the repository will be public. The 'Initialize this repository with:' section has 'Add a README file' checked, and 'Add .gitignore' and 'Choose a license' are unchecked. A green 'Create repository' button is at the bottom.

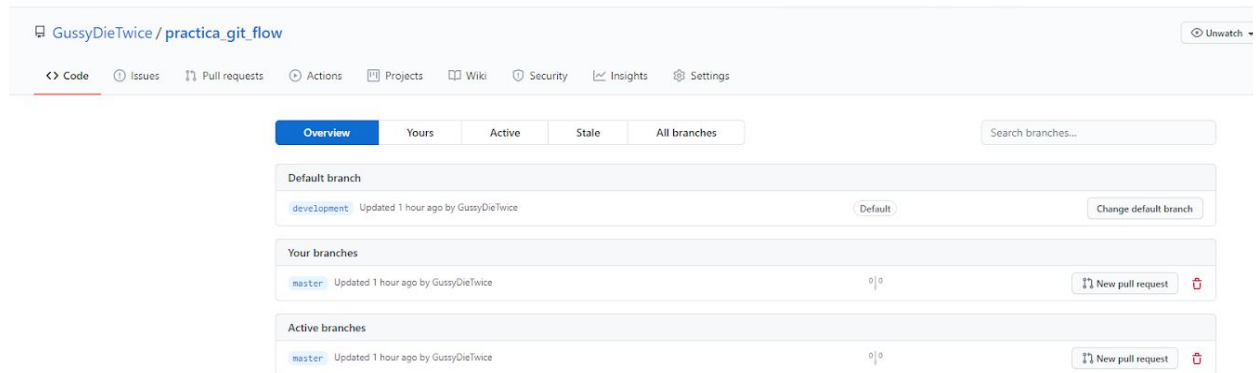
#### 4. Create a default README.md



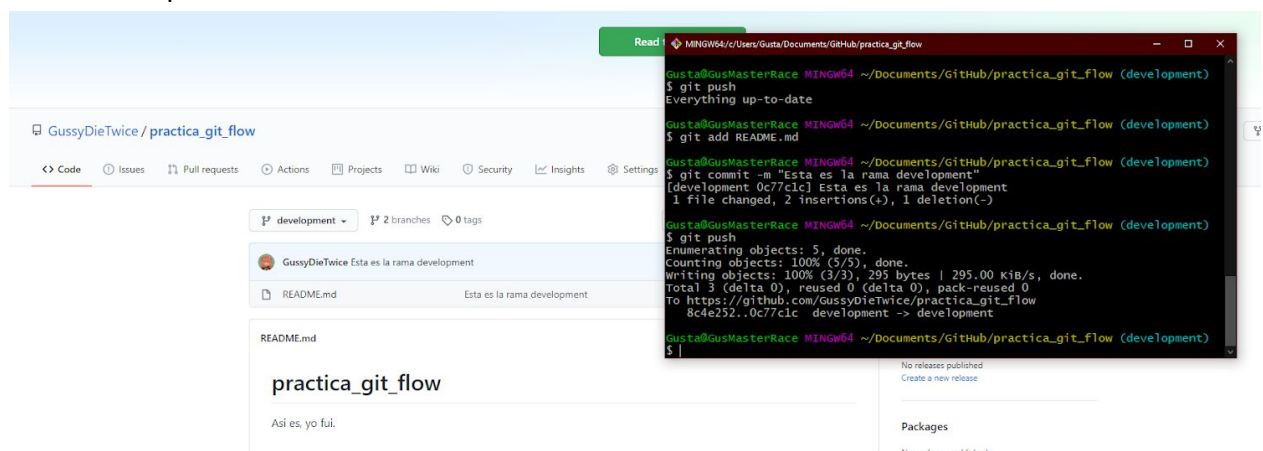
#### 5. Clone to your PC.



6. Create a branch called development and make this branch the pricipala, this means that it will not be master.



7. Make a change to the development branch in the README.md file could be "Esta es la rama development".



8. Make a commit on the development branch.

```
git commit -m "Esta es la rama development"
```

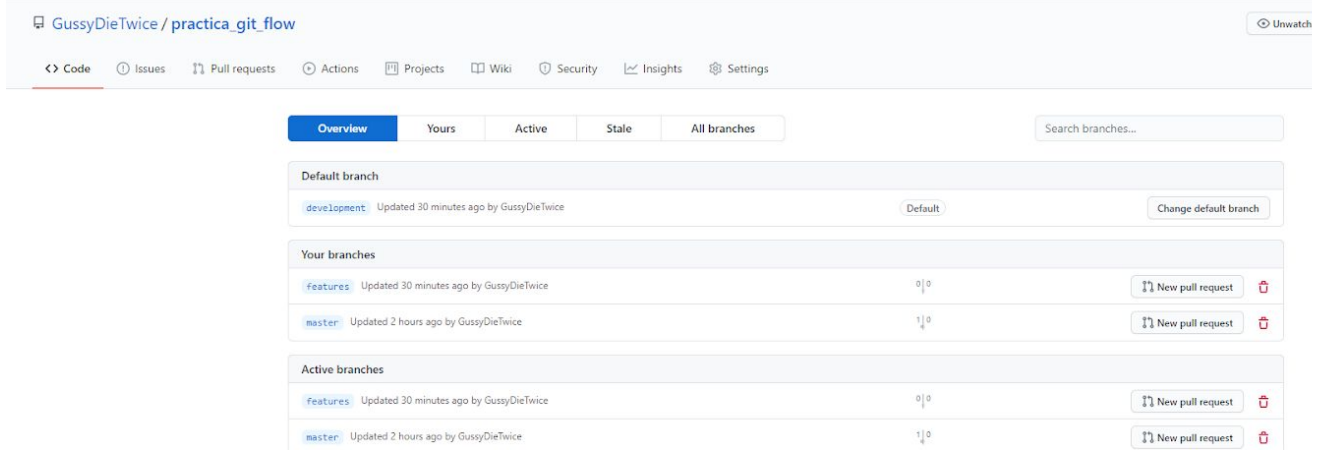
```
Gusta@GusMasterRace MINGW64 ~/Documents/GitHub/practica_git_flow (development)
$ git commit -m "Esta es la rama development"
[development 0c77c1c] Esta es la rama development
1 file changed, 2 insertions(+), 1 deletion(-)
```

## 9. Push the development branch.

```
git push
```

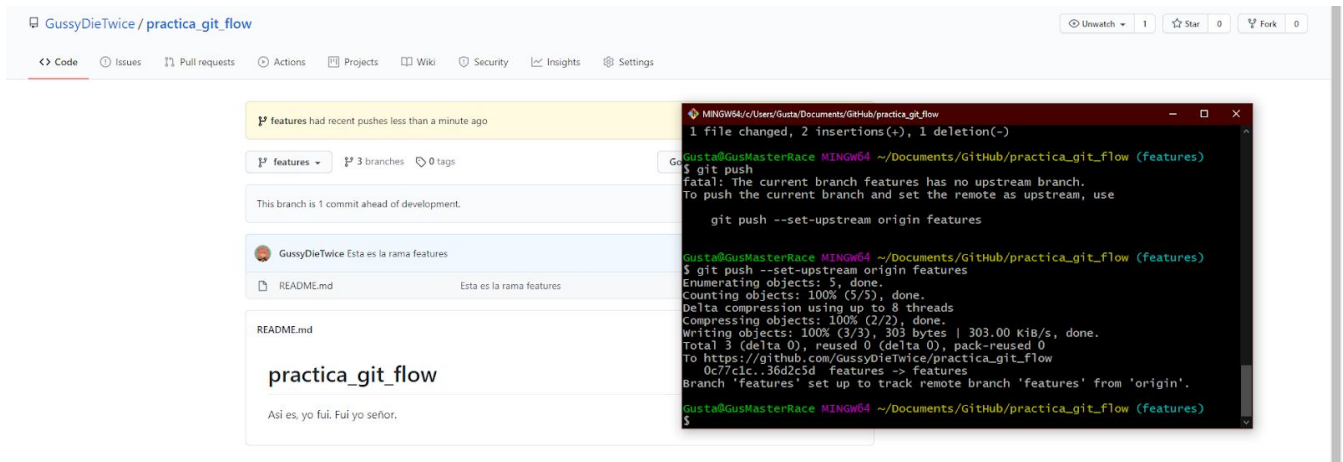
```
Gusta@GusMasterRace MINGW64 ~/Documents/GitHub/practica_git_flow (development)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 295 bytes | 295.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/GussyDieTwice/practica_git_flow
8c4e252..0c77c1c  development -> development
```

## 10. Create a branch called features.



The screenshot shows the GitHub repository page for `GussyDieTwice/practica_git_flow`. The 'Overview' tab is active, displaying the 'Default branch' as `development` and 'Your branches' including `features` and `master`. The `features` branch is highlighted, showing it was updated 30 minutes ago by GussyDieTwice. The 'Active branches' section also lists `features` and `master`.

## 11. Make a change to the features branch in the README.md file can be "Esta es la rama features".



The screenshot shows the GitHub repository page for `GussyDieTwice/practica_git_flow`. The 'features' branch is selected, and the README.md file is open. The README content is:

```
practica_git_flow

Así es, yo fui. Fui yo señor.
```

On the right, a terminal window shows the following commands and output:

```
1 file changed, 2 insertions(+), 1 deletion(-)
$ git push
fatal: The current branch features has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin features

$ git push --set-upstream origin features
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 303 bytes | 303.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/GussyDieTwice/practica_git_flow
0c77c1c..36d2c5d  features -> features
Branch 'features' set up to track remote branch 'features' from 'origin'.
$
```

12. Make the commit on this branch.

```
git commit -m "Esta es la rama features"
```

```
Gusta@GusMasterRace MINGW64 ~/Documents/GitHub/practica_git_flow (features)
$ git commit -m "Esta es la rama features"
[features 36d2c5d] Esta es la rama features
1 file changed, 2 insertions(+), 1 deletion(-)
```

13. Do the push and verify that the change is in the repository.

```
git push --set-upstream origin features
```

```
Gusta@GusMasterRace MINGW64 ~/Documents/GitHub/practica_git_flow (features)
$ git push --set-upstream origin features
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 303 bytes | 303.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/GussyDieTwice/practica_git_flow
0c77c1c..36d2c5d features -> features
Branch 'features' set up to track remote branch 'features' from 'origin'.
```

Verification.

Repository link: [https://github.com/GussyDieTwice/practica\\_git\\_flow/](https://github.com/GussyDieTwice/practica_git_flow/)