## **GIT Standards for our Developers**

# 1. Creating a Feature Branch in GitHub GUI

1.1 Login to Github:  
<https://github.com/login>

Its advised that you use Two Factor Authentication   
Using the Google Authenticator in your Android phone is free.

Graphical user interface, application

Description automatically generated

## 1.2 Create Feature Branch

1 Click on the Dropdown on the master button  
2 Enter name for branch : feature/Nozi\_Documents

Graphical user interface, application

Description automatically generated

3 Click on the Create Branch button  
Graphical user interface, text, application

Description automatically generated

The Branch is now created

## 1.3 Pull and checkout this branch in GitBash

**After cloning this project in GitBash**git clone https://github.com/nic0michael/business-dashboard-microservice.git

**Do a Git pull in GitBash**

git pull

**List all the Branches in GitBash**

git branch -a

You should now get a list of all branches:  
 remotes/origin/HEAD -> origin/master

remotes/origin/feature/Nozi\_Documents

remotes/origin/master

**Now do a checkout to the feature branch in GitBash**

git checkout feature/Nozi\_Documents  
In the GitBash you should see something like this:  
~/Projects/AA\_NicoProjects/business-dashboard-microservice **(feature/Nozi\_Documents)**

You may now work in your Feature Branch

# 2. Creating a Pull Request

Login it

1 Click om Branch button

2 Click on required Branch (you can use search if there are many branches)

Graphical user interface, text, application

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3 Click on Pull Request

4 Click on New pull request button

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Description automatically generated

5 Select Branch to merge to Master  
6 Select your feature branch

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Description automatically generated

7 Press Create pull request button

Graphical user interface, text, application, email

Description automatically generated

8 Give a suitable description of the changes

9 Press Create pull request button

Graphical user interface, text, application, email

Description automatically generated

Now inform the Project Architect by WhatsAp or email to review and merge your pull request