**Module 2**

**Git Casestudy – 2**

**RESOLVING MERGE-CONFLICTS**

ubuntu@ip-172-31-25-3:~$ mkdir casestudy2

ubuntu@ip-172-31-25-3:~$ cd casestudy2

ubuntu@ip-172-31-25-3:~$ cd casestudy2

ubuntu@ip-172-31-25-3:~/casestudy2$ git clone git@github.com:vcgatate/merge-conflict.git

Cloning into 'merge-conflict'...

remote: Enumerating objects: 15, done.

remote: Total 15 (delta 0), reused 0 (delta 0), pack-reused 15

Receiving objects: 100% (15/15), done.

ubuntu@ip-172-31-25-3:~/casestudy2$ ls

merge-conflict

ubuntu@ip-172-31-25-3:~/casestudy2$ cd merge-conflict/

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ ls

main.c

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git branch

\* master

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git checkout feature1

Branch 'feature1' set up to track remote branch 'feature1' from 'origin'.

Switched to a new branch 'feature1'

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git branch

\* feature1

master

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git checkout feature2

Branch 'feature2' set up to track remote branch 'feature2' from 'origin'.

Switched to a new branch 'feature2'

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git branch

feature1

\* feature2

master

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ ls

main.c

casestudy2/merge-conflict$ ls

main.c main.c.orig

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ cat main.c

pseudo code

{

Initial Function()

{

//Sample Code

}

Initial Security()

{

//Sample Code

=======

feature1()

{

//Sample Code for Feature 1

}

}

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ cat main.c.orig

pseudo code

{

Initial Function()

{

//Sample Code

}

<<<<<<< HEAD

Initial Security()

{

//Sample Code

=======

feature1()

{

//Sample Code for Feature 1

>>>>>>> feature1

}

}

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git add main.c

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git commit -m "main.c"

[master fe32e56] main.c

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git merge feature2

Auto-merging main.c

Merge made by the 'recursive' strategy.

main.c | 4 ++++

1 file changed, 4 insertions(+)

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ ls

main.c main.c.orig

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ cat main.c

pseudo code

{

Initial Function()

{

//Sample Code

}

feaature2()

{

//Sample Code for Feature 2

}

Initial Security()

{

//Sample Code

=======

feature1()

{

//Sample Code for Feature 1

}

}

ubuntu@ip-172-31-25-3:~/casestudy2/merge-conflict$ git push origin --all

Enumerating objects: 12, done.

Counting objects: 100% (12/12), done.

Compressing objects: 100% (4/4), done.

Writing objects: 100% (6/6), 619 bytes | 619.00 KiB/s, done.

Total 6 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), done.

To github.com:vcgatate/merge-conflict.git

f71ccdc..53f29ad master -> master

