A close up of a sign

Description automatically generated

What will happen if two people work on same functionality at the same time.

One of them merges the code for the feature with master.

When other tries to take pull, then the other gets error. This is because there is some local change which is not yet committed. So, we need to at least commit the code in the local branch.

The other option is there is a memory called stash memory. We can move the wip code to stash memory and then take latest pull.

# Stash pop –

After taking pull, why we do stash pop, so that our local code gets merged with the latest code which we pulled from remote branch.

We will get conflict here once we try to do stash pop.

A screenshot of a video

Description automatically generated

# Code added-

A screenshot of a computer

Description automatically generated

Code updated-

A screenshot of a computer

Description automatically generated

Committing same set of code in remote to simulate the real time-

A screenshot of a computer

Description automatically generated

Cart page is present-

A screenshot of a computer

Description automatically generated

When you try to take pull we get error-

A computer screen with text on it

Description automatically generated

Now we need to either remove the local copy of the file or commit the code or stash the code or delete the file from workspace. Till we don’t this pull will be aborted.

# For stash, the code has to be first added using git add, else nothing will be saved as seen below-

A black screen with yellow text

Description automatically generated

A screen shot of a computer

Description automatically generated

A black screen with yellow text

Description automatically generated

A black screen with yellow and blue text

Description automatically generated

# Last commit also moved to stash-

A computer screen shot of a program

Description automatically generated

Cart page gone from ide-

A screenshot of a computer

Description automatically generated

Give merge reason on naveens machine-

A screenshot of a computer screen

Description automatically generated

A screen shot of a computer program

Description automatically generated

Refresh ide-

A screenshot of a computer

Description automatically generated

We got the dev2 change.

Now how to get our change back-

A screen shot of a computer program

Description automatically generated

We get merge conflict.

See how conflicts look in ide-

A screenshot of a computer code

Description automatically generated

Anything above “======” and upto “<<<<<<<<<” means code coming from remote end.

Updated upstream – its coming from remote end.

Stashed changes – means our local code is stashed.

Below “=========” and upto “>>>>>>>>>>” is our code.

A screenshot of a video

Description automatically generated

Now if suppose d1 code has to remain. D1 code has to be pushed to remote master.

D2 has to take pull from remote master. D2 may get conflict. D2 will delete his or her code and accept d1 code.

A screenshot of a computer

Description automatically generated

A computer screen with text on it

Description automatically generated

# Added more code to cart page-

A screenshot of a computer

Description automatically generated

A computer screen shot of a program

Description automatically generated

Code updated in gitlab-

A screenshot of a computer

Description automatically generated

# Git stash –

We can stash from index/stage/commit areas.

For stashing, the code has to be at least added using “git add”.

Git committed code can also come in stash.

So, when we stash all the code which is added using “git add” and “git commit” will be added to stash memory.

Previous commits will also go into the stash memory when we do “git stash”.

Git stash won’t take codes from workspace directly. Code has to be either added or committed to local repo for git stash to work.

A screenshot of a video

Description automatically generated

A screen shot of a computer program

Description automatically generated

{0} is like an array because stash memory might be saving in array format.

0th entry has this commit which was stashed.