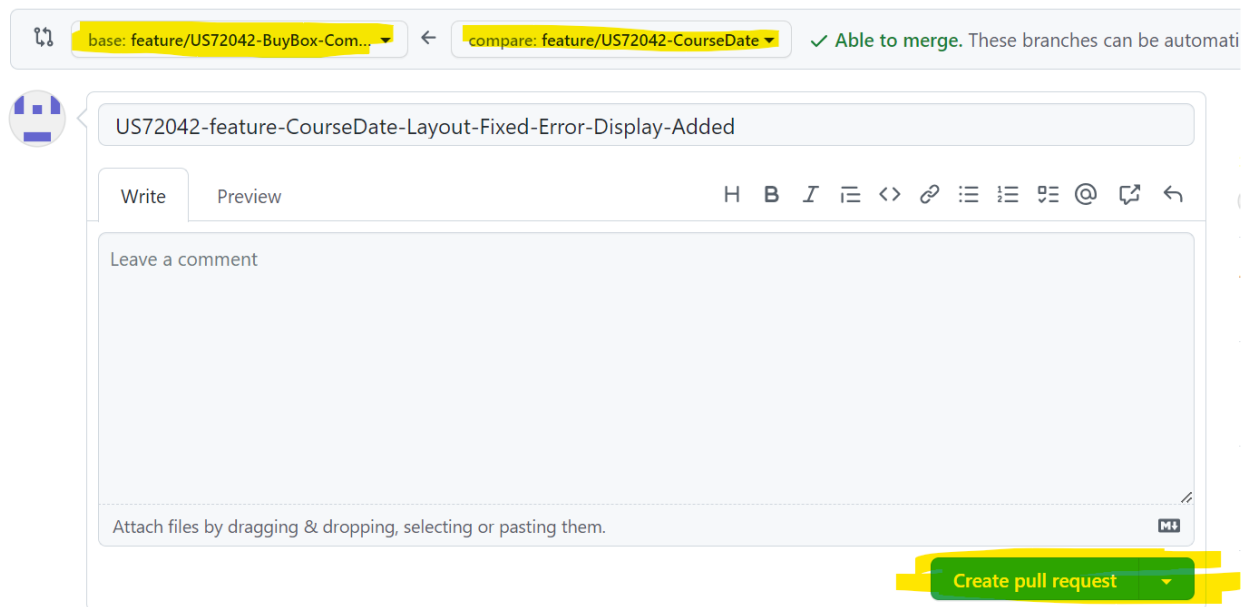# Merging Current/Feature Branch to Develop/Master Branch

- **Stay on current branch**

- **Commit changes with message from VS code : US72042-feature-CourseDate-msg**

- **Push Command : git push origin "current branch name"**
- **Eg : git push origin feature/US72042-CourseDate**
- **Click on the PR Link in terminal**
- **Select Branch where to push the changes in the PR Link**

Select Create Pull Request

Pulling from origin : **git pull origin feature/US72042-BuyBox-Component**

Copying Other Dev Branch
git fetch or **git fetch --all**
git checkout branchnamewhichshouldbecopied

GIT STASH

git stash - to switch branch with current changes in file.
git stash -u - to switch branch with adding untracked files as well.
git stash pop - to get your stashed changes back.

git stash list - to get all stash changes.
git stash clear - to clear all stash.

git stash push -m "Message" - to save changes with name.

git stash apply "stash@{0}" - To apply specific indexed Stash from Stash List

git stash drop "stash@{1}" - delete specific

DELETE BRANCH
git branch --delete feature/DE59648-UX-issue or git branch --D feature/DE59648-UX-issue

DELETE LAST ACCIDENTAL COMMIT FROM A DRAFTED/FEATURE BRANCH

 git log

git reset --hard "Last Wrong Commit ID"
Eg : git reset --hard 15cdea1755c74cf253476c12730a3877a1036759

git reset --hard HEAD~1
git push origin HEAD --force

Release Line PR

Release Link : https://gehealthcare.ent.box.com/folder/296793503368

git fetch --all - in current branch (here : feature/DE60238-FAQ-Css-Fix)

git checkout release/1.0.0 - check the latest release version from git and checkout to that release branch in local or create branch with that

git pull origin release/1.0.0

git checkout -b feature/NewBranchName-release - add release suffix to the new branch name

Eg : git checkout -b feature/DE60238-FAQ-Css-Fix-release

git cherry-pick e8bf93aa7e488d5b9cdc234df098053eeb6bfea6 - go to the previous/old/Dev's PR > Commits > Copy the SHA key

Need to do multiple cherry pick if there's multiple commits

Single Cherry Pick

Multiple Cherry Pick for Multiple Commits

```
PS C:\Project\cdx-ecommerce-app> git cherry-pick becabc70ce5edf8c57275c983d12dab018eaa69c
[feature/DE82545-de-finance-paymentName-fix-release fcd7e5e0] feature/DE82545-de-finance-paymentName-fix-firs
t-commit
 Date: Tue Apr 29 16:04:34 2025 +0530
 2 files changed, 8 insertions(+), 4 deletions(-)
PS C:\Project\cdx-ecommerce-app> git cherry-pick 5a817a6e4547369832a55394aad24f44eb0def38
[feature/DE82545-de-finance-paymentName-fix-release 9369fed2] feature/DE82545-de-finance-paymentName-alignmen
t-removed-null-check
 Date: Tue Apr 29 16:44:45 2025 +0530
 2 files changed, 3 insertions(+), 3 deletions(-)
PS C:\Project\cdx-ecommerce-app>
```

Mutli Cherry Pick with Not required Commits, Ignore the unwanted commits

Commits on Apr 23, 2024

Same Price scenerio, and localstorage append from Checkout
503206962 committed 13 days ago ✓   329c863 <>

Commits on Apr 24, 2024

feature/US7283-Edge-Cases-Changes
503372310 committed 12 days ago   e7589db <>

Merge branch 'develop' of https://github.gam.gehealthcare.com/cdx/cdx... ...
503372310 committed 12 days ago ✓   78775a0 <>

feature/US7283-Edge-Cases-Added-Null-Checks
503372310 committed 12 days ago ✗   7ccd60c <>

Merge branch 'develop' of https://github.gam.gehealthcare.com/cdx/cdx... ...
503372310 committed 12 days ago ✗   b9ff1b9 <>

feature/US7283-Edge-Cases-Added-Proper-Import
503372310 committed 12 days ago ✓   4e7cdb6 <>

Skip Merge branch develop of commits

feature/US7283-Edge-Cases-Changes
503372310 committed 12 days ago   e7589db <>

Merge branch 'develop' of https://github.gam.gehealthcare.com/cdx/cdx... ...
503372310 committed 12 days ago ✓   78775a0 <>

feature/US7283-Edge-Cases-Added-Null-Checks
503372310 committed 12 days ago ✗   7ccd60c <>

Merge branch 'develop' of https://github.gam.gehealthcare.com/cdx/cdx... ...
503372310 committed 12 days ago ✗   b9ff1b9 <>

After Cherry Pick Push the Branch

git push origin feature/CurrentNewBranchName-release

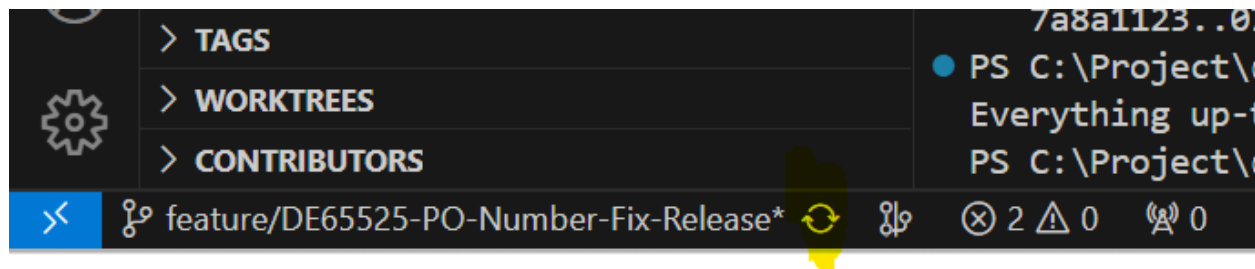Eg : git push origin feature/DE60238-FAQ-Css-Fix-release

Errors/Warning might show up sometime

Do git pull origin with current release branch name and git push origin current release branch name
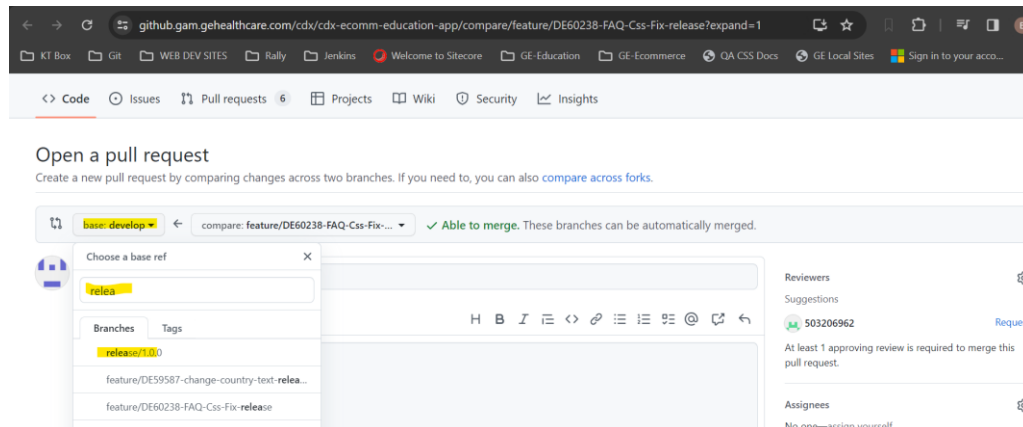
And also push the changes from VS code

```
PS C:\Project\cdx-ecommerce-app> git push origin feature/DE65525-PO-Number-Fix-Release
To https://github.gam.gehealthcare.com/cdx/cdx-ecommerce-app.git
 ! [rejected]          feature/DE65525-PO-Number-Fix-Release -> feature/DE65525-PO-Number-Fix-Release (non
-fast-forward)
error: failed to push some refs to 'https://github.gam.gehealthcare.com/cdx/cdx-ecommerce-app.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. If you want to integrate the remote changes,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS C:\Project\cdx-ecommerce-app> ^C
PS C:\Project\cdx-ecommerce-app> git pull origin feature/DE65525-PO-Number-Fix-Release
From https://github.gam.gehealthcare.com/cdx/cdx-ecommerce-app
 * branch              feature/DE65525-PO-Number-Fix-Release -> FETCH_HEAD
 * [new branch]        feature/DE65525-PO-Number-Fix-Release -> origin/feature/DE65525-PO-Number-Fix-Relea
se
Merge made by the 'ort' strategy.
PS C:\Project\cdx-ecommerce-app> git push origin feature/DE65525-PO-Number-Fix-Release
Enumerating objects: 60, done.
Counting objects: 100% (60/60), done.
Delta compression using up to 8 threads
Compressing objects: 100% (36/36), done.
```

Click on Cloud Push Button

Go to PR and change base branch to latest release version.

If PR is not shown , change the base and compare branches manually and create PR

Get it merged only

It will get auto deployed and after deployment update it in confluence's deployment table

Integration PR

git pull origin develop in current branch
Git checkout develop
Git pull in develop branch
git checkout integrationbranch/develop_from_cartIntegrationbranch_Education_checkoutFlow
git checkout -b feature/US72840-Payment-Tab-Selections
origin/integrationbranch/develop_from_cartIntegrationbranch_Education_checkoutFlow
git push origin feature/US72840-Payment-Tab-Selections

FE Build Deployment

Checkout to Latest / Feature Branch
Pull Latest Code of that branch
Create Branch name with build : git checkout -b feature/checkout-app-develop-buildv4
Modify sites.js file with new Content
Stage the changes
Commit The changes
git push
If you get error, copy the code from CMD and try to push it again
git push --set-upstream origin feature/checkout-app-develop-buildv4

No need to merge the PR or do anything

git merge feature/checkout-app-develop
git push
npm run build

After Build Complete, Find in Whole Project and rename it to
 #{RoutePath} to newcheckout

Upload the build : https://gehealthcare.ent.box.com/folder/283505723832