Eclipse – Adding a project to version control

Copy Clone URL from git:
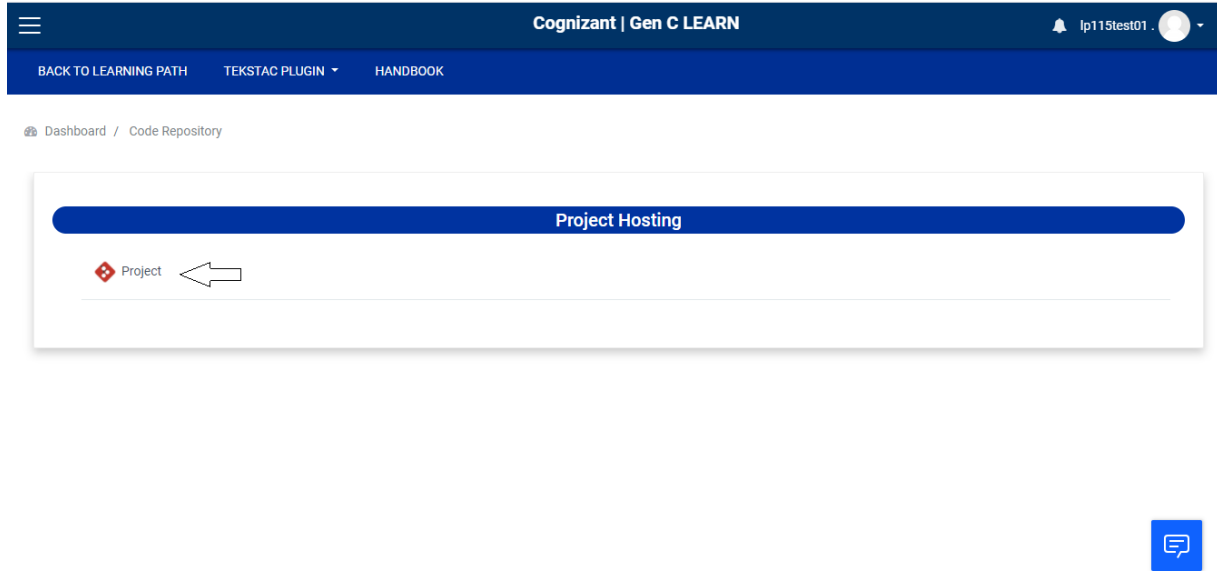
- Once logged in to platform click the Learning path given under "My Learning path".

- Then click the "**Project**" in the last and followed by click "**Code Repository**" panel.

- There click the **Project** activity and it redirects to project summary page.

- In the Project Summary page there will be icons in top right corner.
- Please click the first Git-home icon which takes to the git page directly.
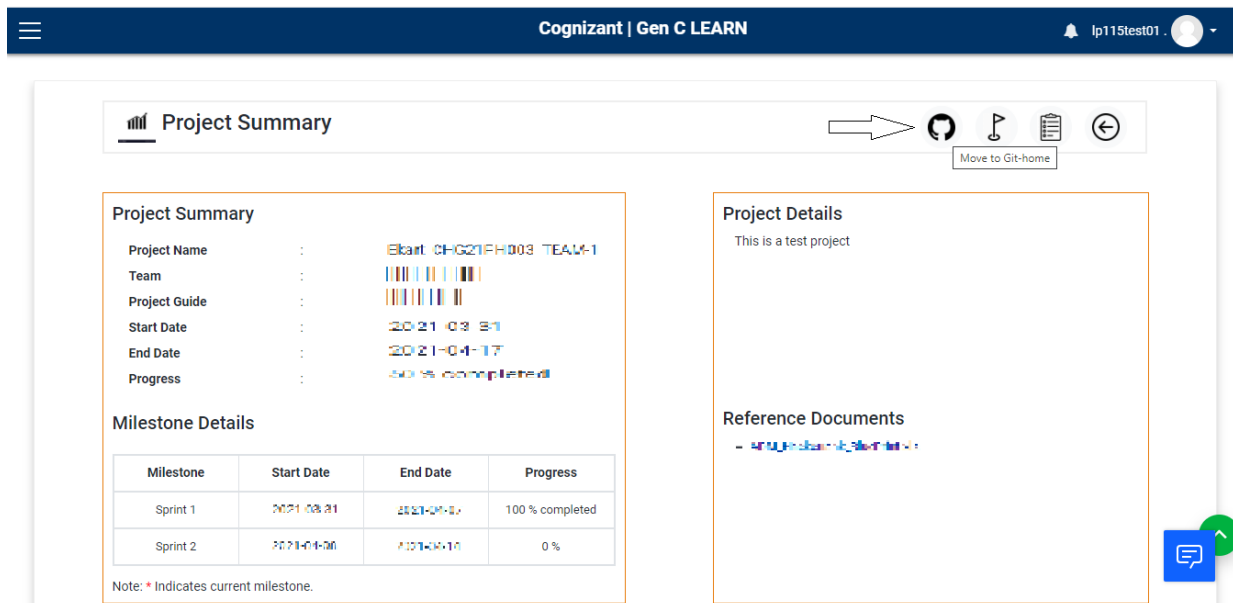
- Now git login page is showing and logged in with the given user credential.
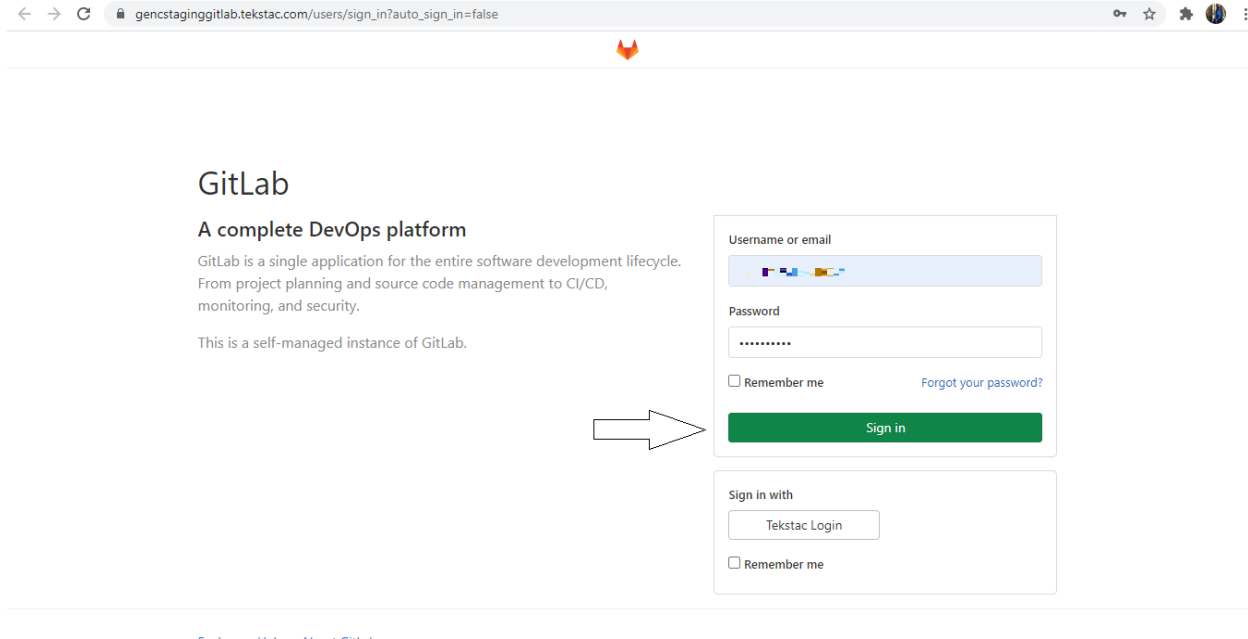
- Then click the project name and there will be a blue color **Clone** button in the right side.
- Please click the Clone it shows the dropdown with URL to copy for HTTPS and SSH.
- Here we can use the HTTPS url for clone the repo using Visual Studio Community edition.
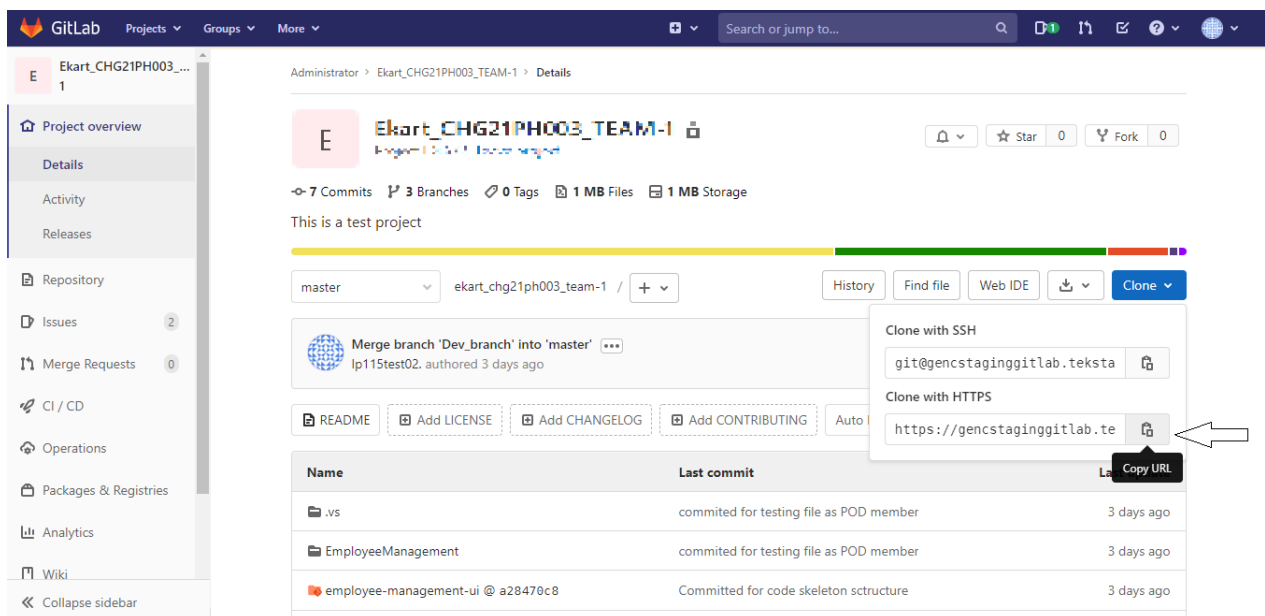
Import a project from Git

Step 1: Git Configuration in Eclipse

1. Click **Window** > **Preferences** > **Team** > **Git** > **Configuration**
2. Click **New Entry** and enter the key value pairs user.email and user.name

Step 2: Clone Git repo to eclipse

Import the project to eclipse using the Git import project wizard.
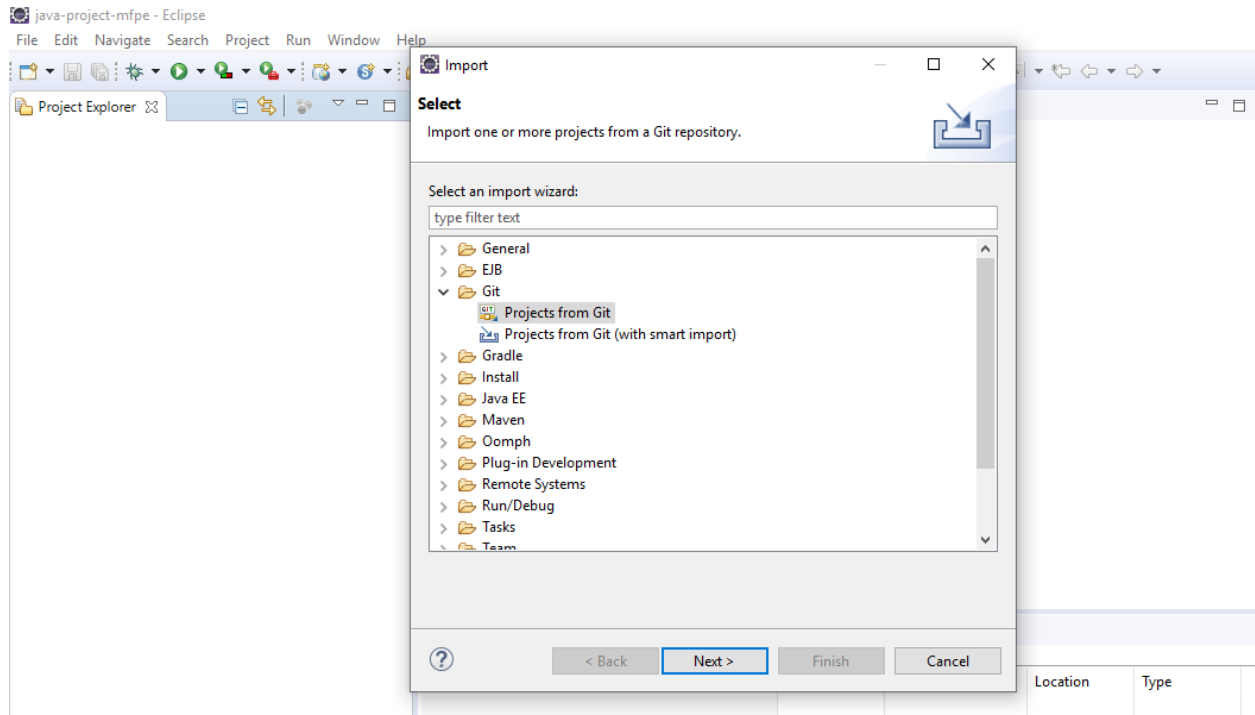
Step 3. Copy the clone URL from git and paste the URL in Eclipse, click "Next". Give the appropriate credentials to connect to the repo.

Import Projects from Git   □   ×

Source Git Repository

Enter the location of the source repository.

GIT

Location

URI: end-management-system.git   Local Folder...   Local Bundle File...

Host: gencstaginggitlab.tekstac.com

Repository path: /lp115test04/dividend-management-system.git

Connection

Protocol: https ∨

Port:

Authentication

User: lp115test04

Password: ●●●●●●●●●●

☐ Store in Secure Store

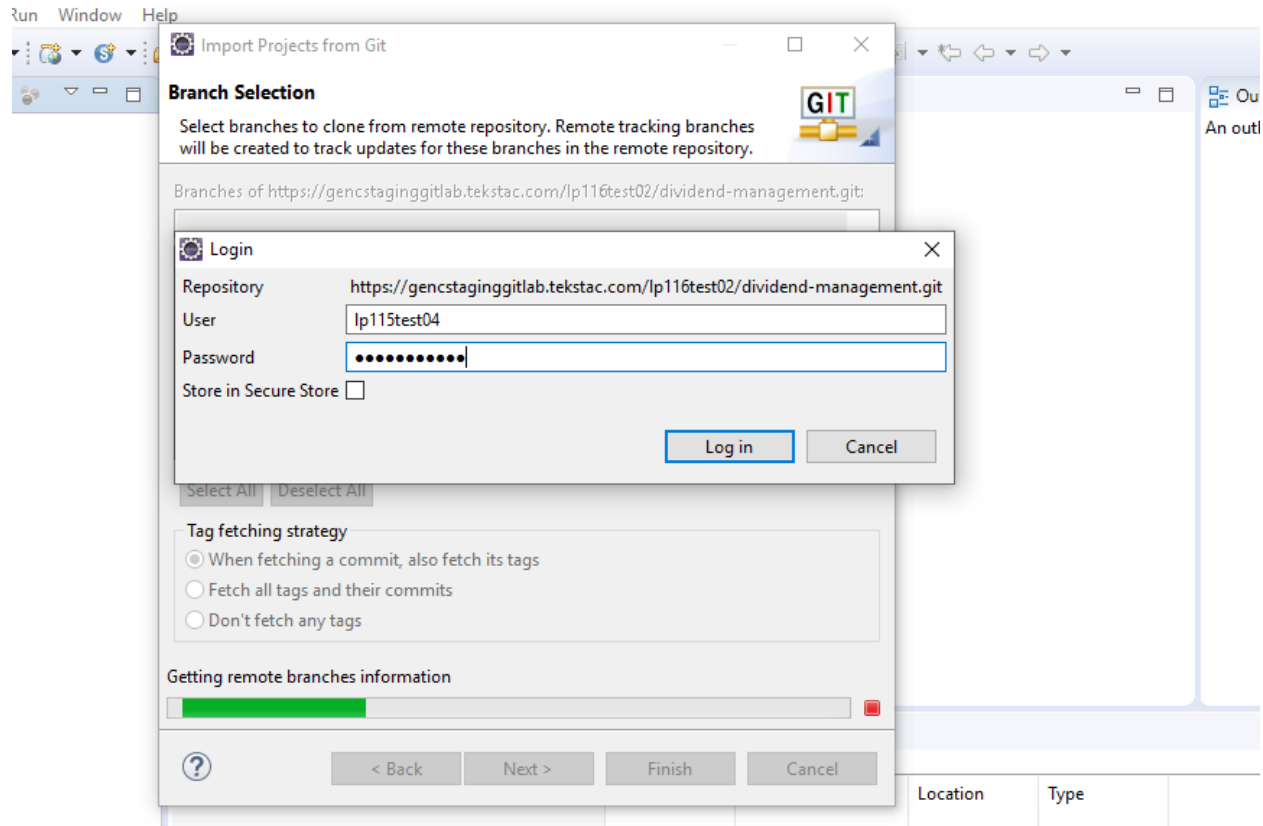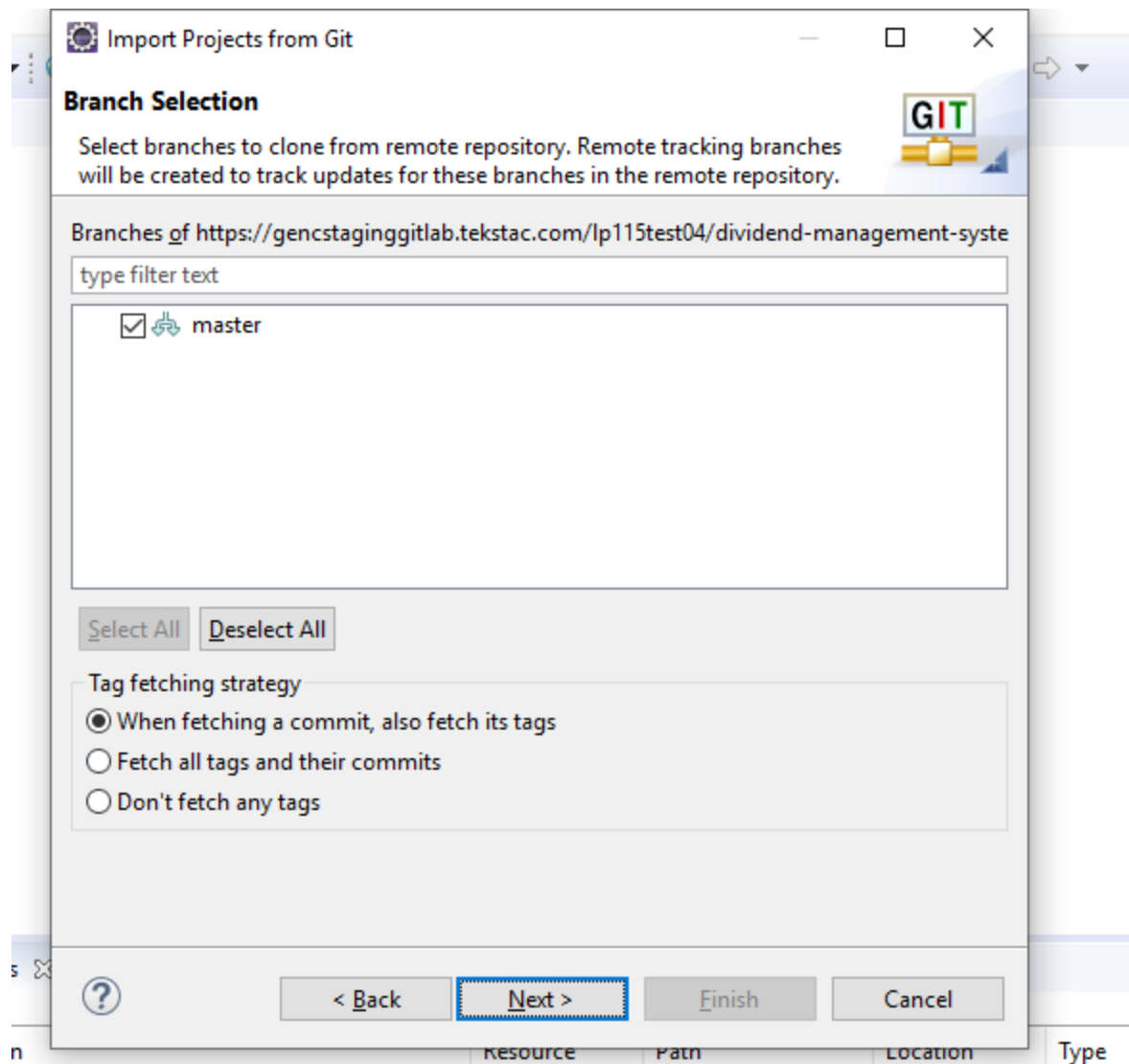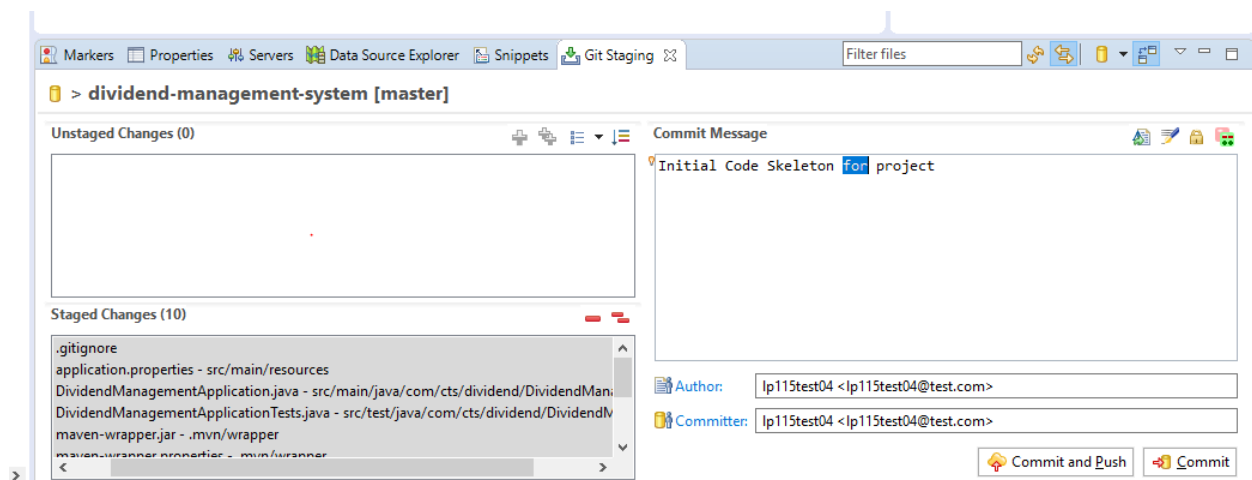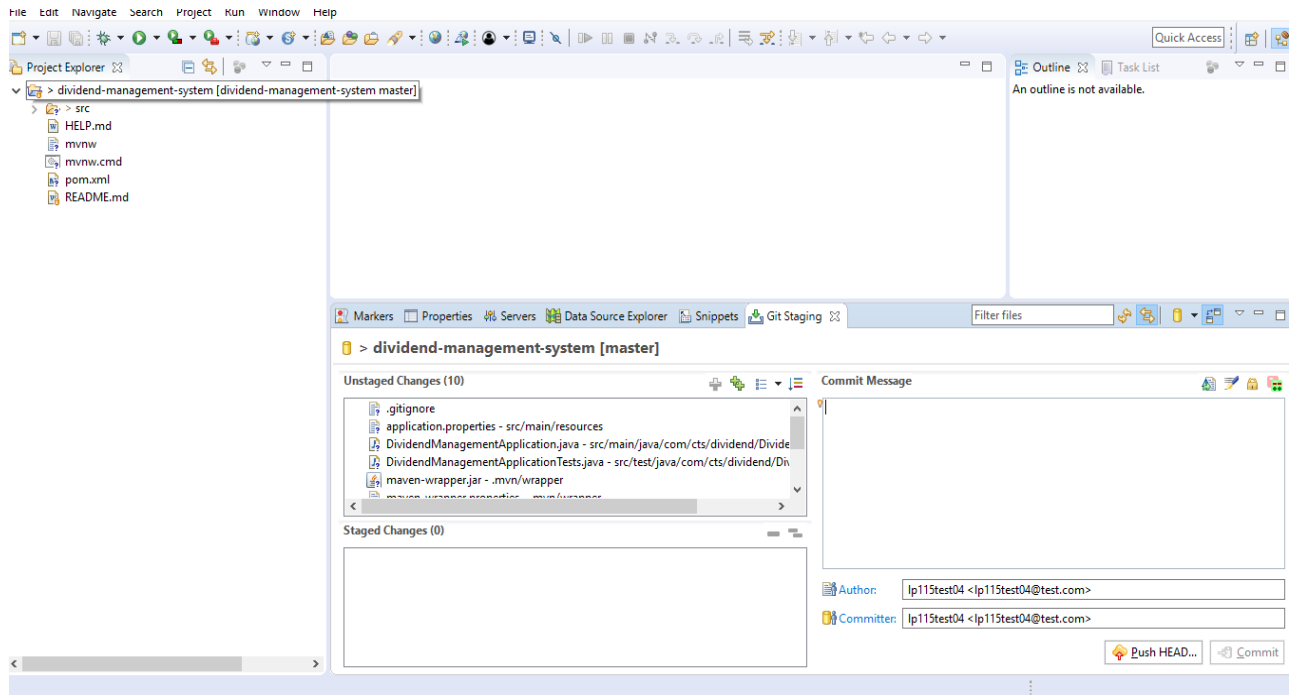?   < Back   Next >   Finish   Cancel

This enables to select the default master branch.

Now the project master branch (default) is cloned and it has only readme.txt.

Step 4: Add the code skeleton files to the project. Click the Git staging view from eclipse preference to view the newly added files.

Step 5: Add the unstaged files and commit with appropriate message. Now the master branch is committed with project structure and the same need to push the changes to master. So, click **Commit and Push** button in the bottom right corner.

Create a new branch from Eclipse

Step 1: Create a new branch from eclipse. Give the appropriate branch name and create the branch. The view will be switched to the dev branch in eclipse.
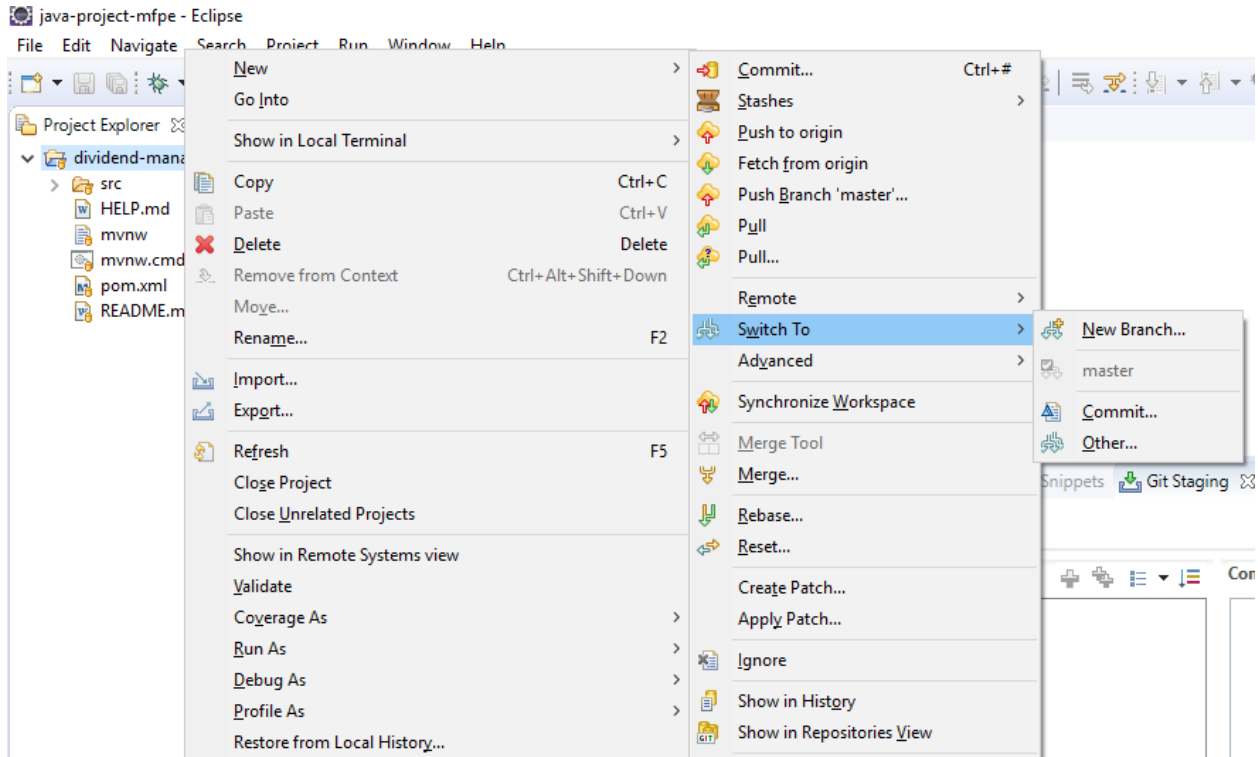

Step 2: Do the necessary changes as per the requirement and follow the same steps for committing the files to the new branch.
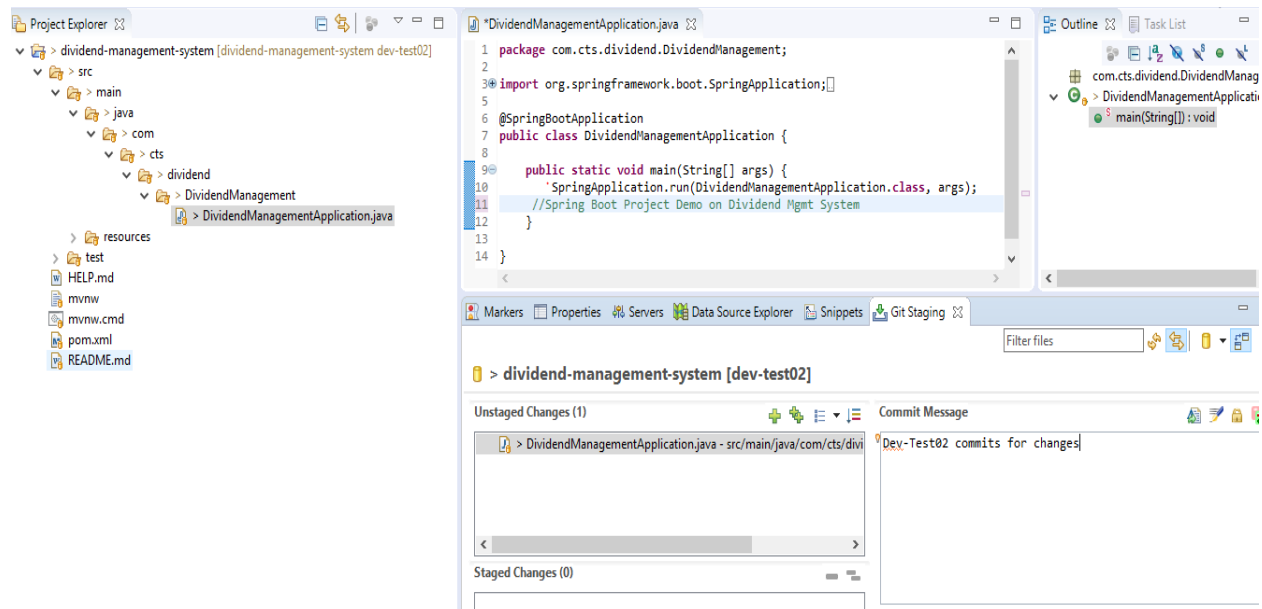
Merge Request for merging new branch into master:

- Once the new branch is committed and pushed, need to merge the same into master branch by raising a merge request to POD leader.
- Click the **Merge Requests** in the left menu panel in git page.
- It shows **New Merge Request** button. Please click that button and it redirects to the compare branch page.
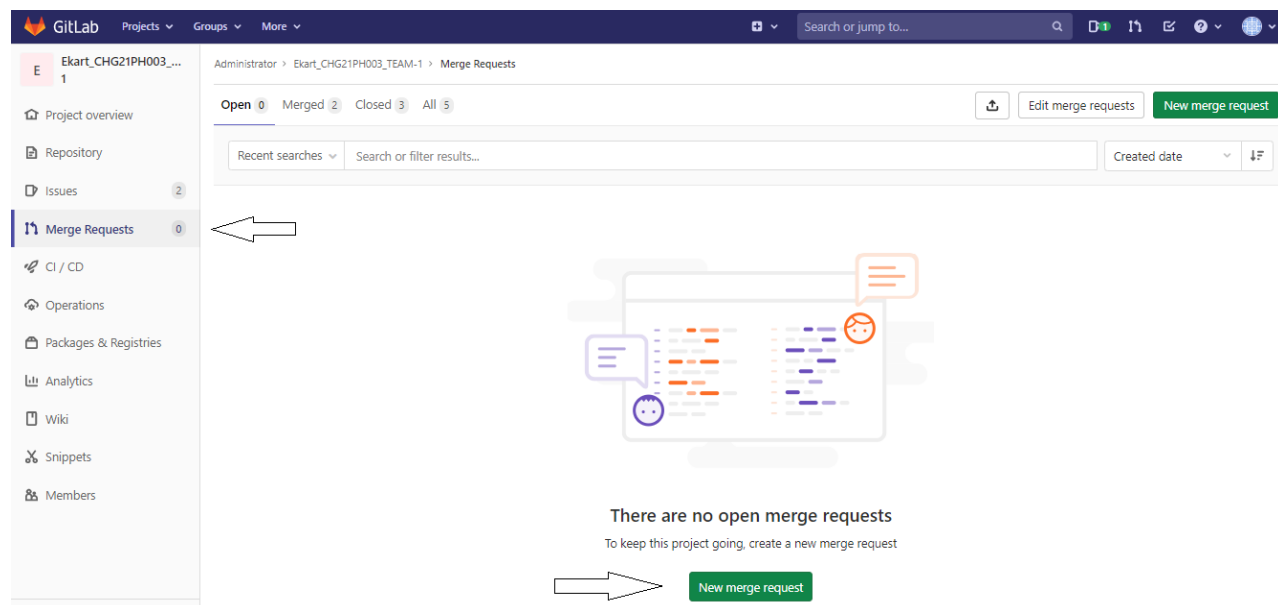
- Please choose the source and target branch here.

- Source branch is the new branch and target branch is the master branch.
- Then click Compare branches and continue button below.
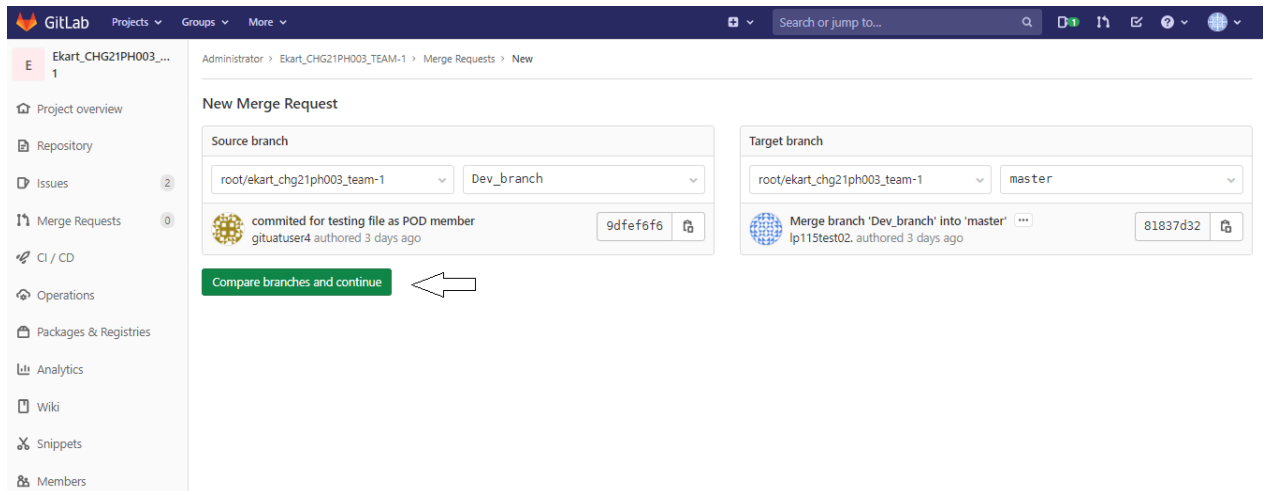
- Then provide the below details
    1. Title
    2. Description
    3. Assignee (POD leader)
    4. Milestone (Optional)
    5. Label (Optional)
- Finally click the submit merge request button.