

Eclipse - Adding a project to version control

Copy Clone URL from git:

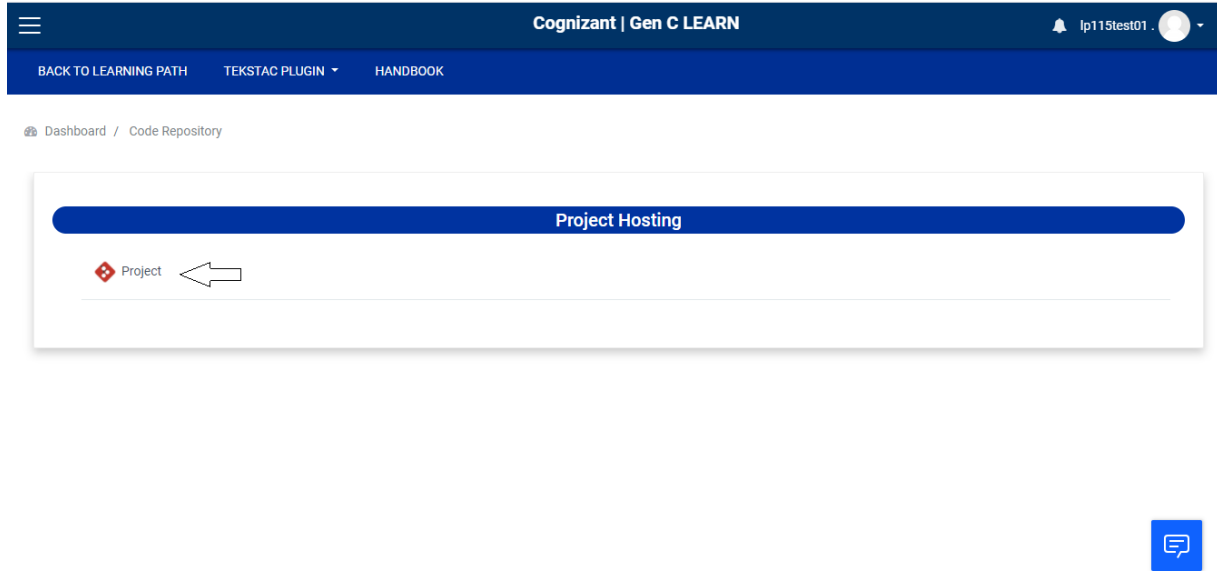
- Once logged in to platform click the Learning path given under “My Learning path”.

The screenshot shows the Cognizant Gen C LEARN dashboard. At the top, there's a header with the Cognizant logo and 'Gen C LEARN' text. Below the header, there are two circular progress indicators. The first one shows 0% completion, and the second one shows 77.1% completion. Below these, there's a section titled 'My Learning Path' with a downward arrow. Under this section, there's a card for 'ADM-Java-Basics and Advanced-Angular Learning Path' which shows '0% completed'. To the right of this card, there's a description of the learning path and a list of technologies covered: Web Designing using HTML5, CSS3 and JavaScript, Java Programming, Database using MySQL, and Spring Core, Maven. Below the 'My Learning Path' section, there's a 'Course overview' section with a dropdown menu set to 'All'. On the right side of the dashboard, there's a chat icon and a 'Course' button.

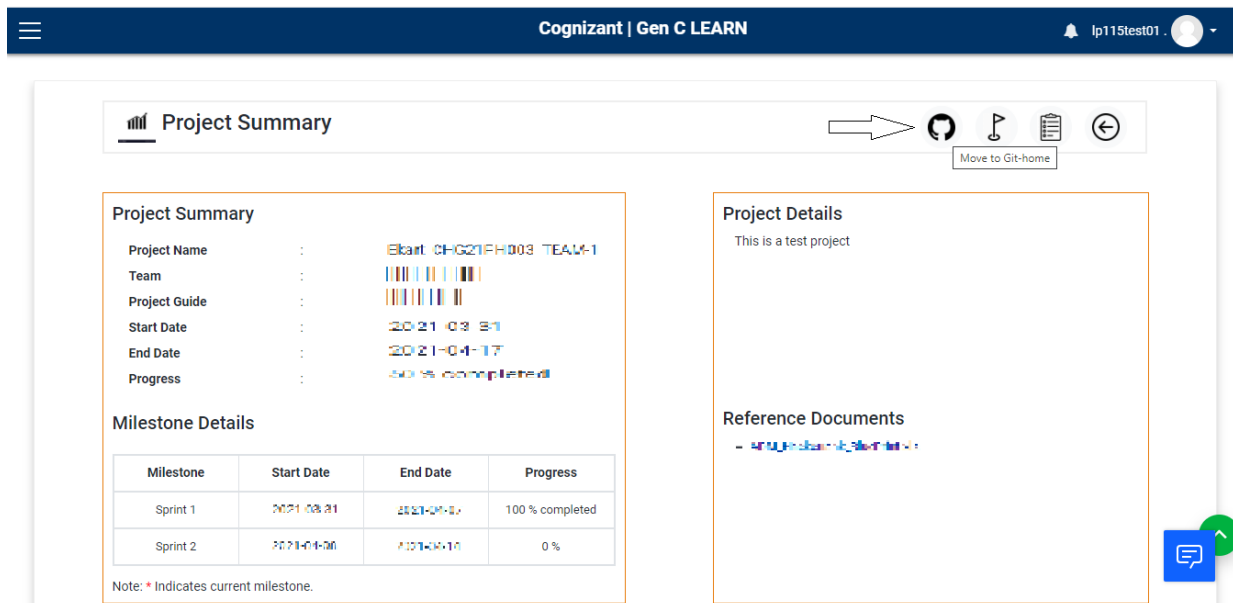
- Then click the “**Project**” in the last and followed by click “**Code Repository**” panel.

The screenshot shows the Cognizant Gen C LEARN dashboard. At the top, there's a header with the Cognizant logo and 'Gen C LEARN' text. Below the header, there's a list of learning paths and a 'Project' section. The 'Project' section is highlighted with a blue bar. Below the 'Project' section, there are two panels: 'Document Repository' and 'Code Repository'. An arrow points to the 'Code Repository' panel. On the right side of the dashboard, there's a chat icon and a 'Course' button.

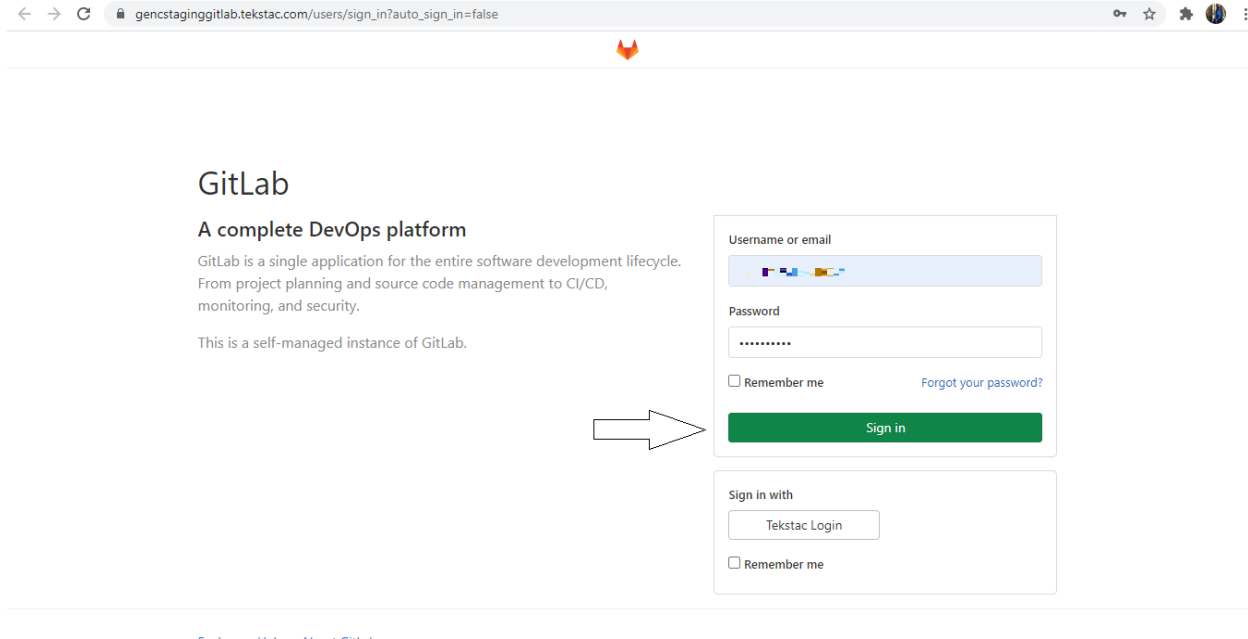
- There click the **Project** activity and it redirects to project summary page.



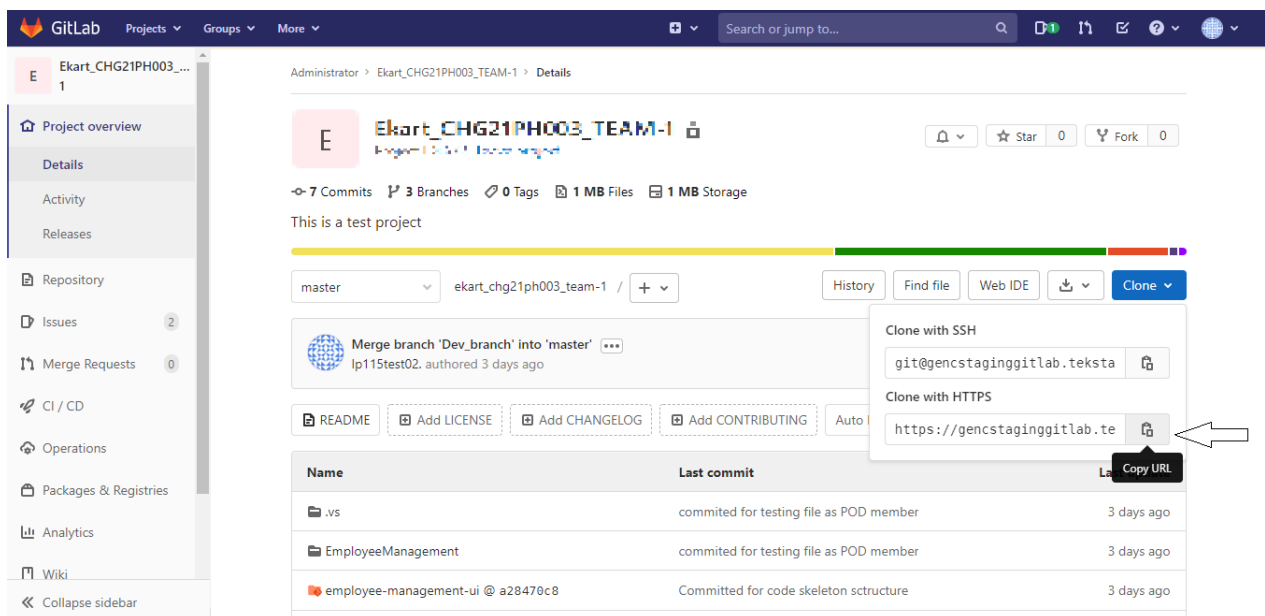
- In the Project Summary page there will be icons in top right corner.
- Please click the first Git-home icon which takes to the git page directly.



- 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.



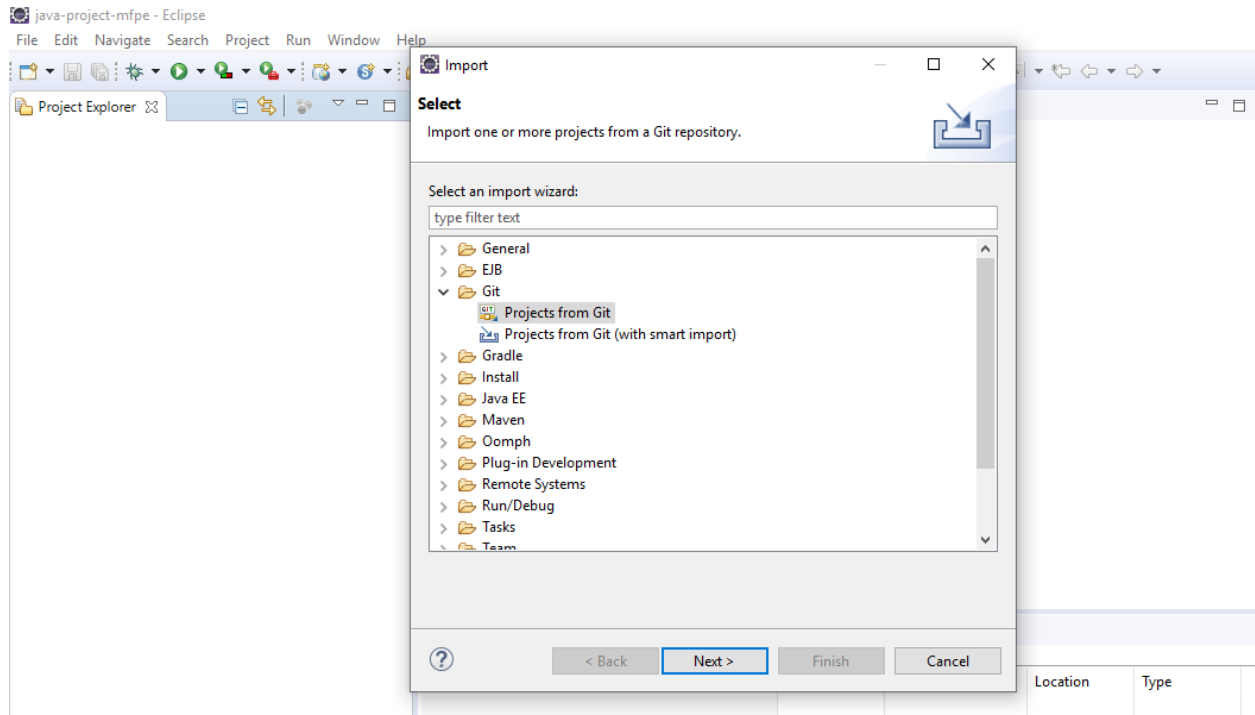
Import a project from Git

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.



Location

URI:

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

☐ Store in Secure Store

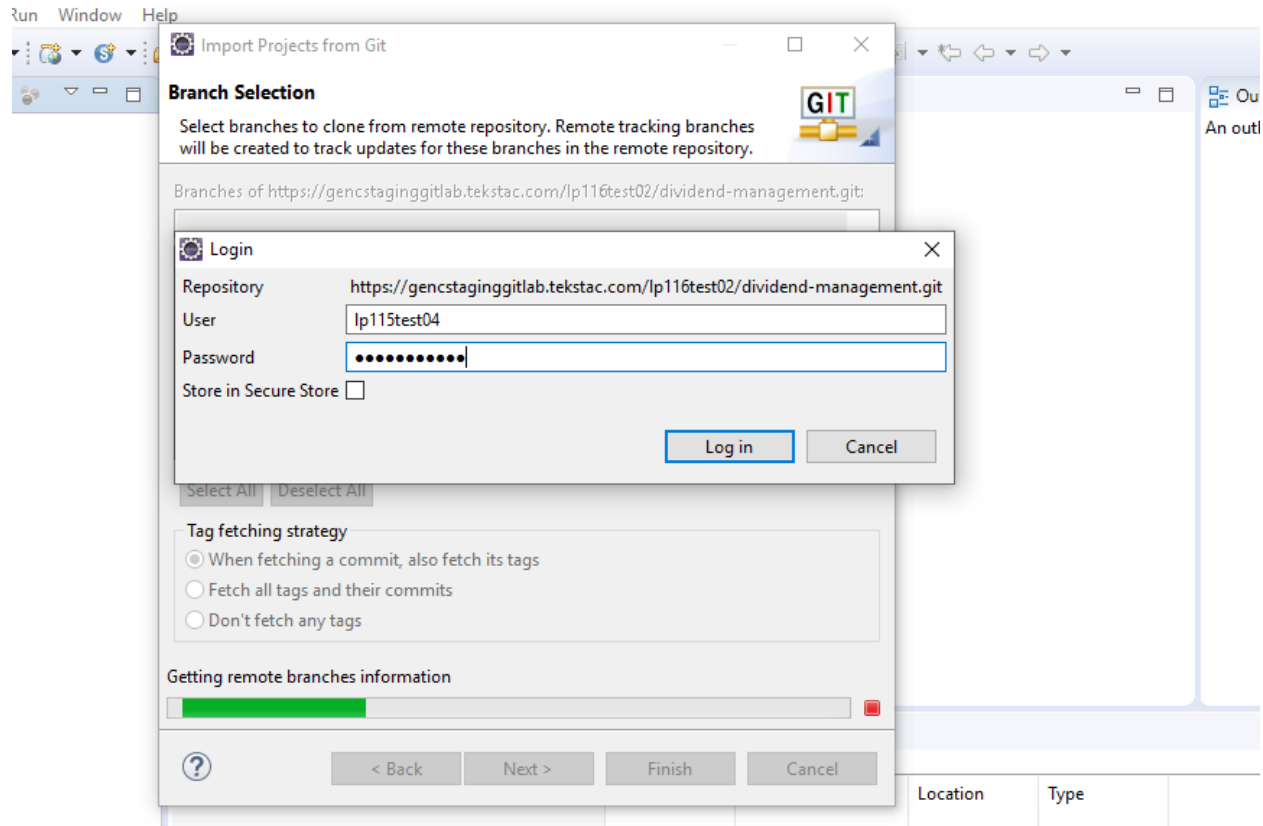


< Back

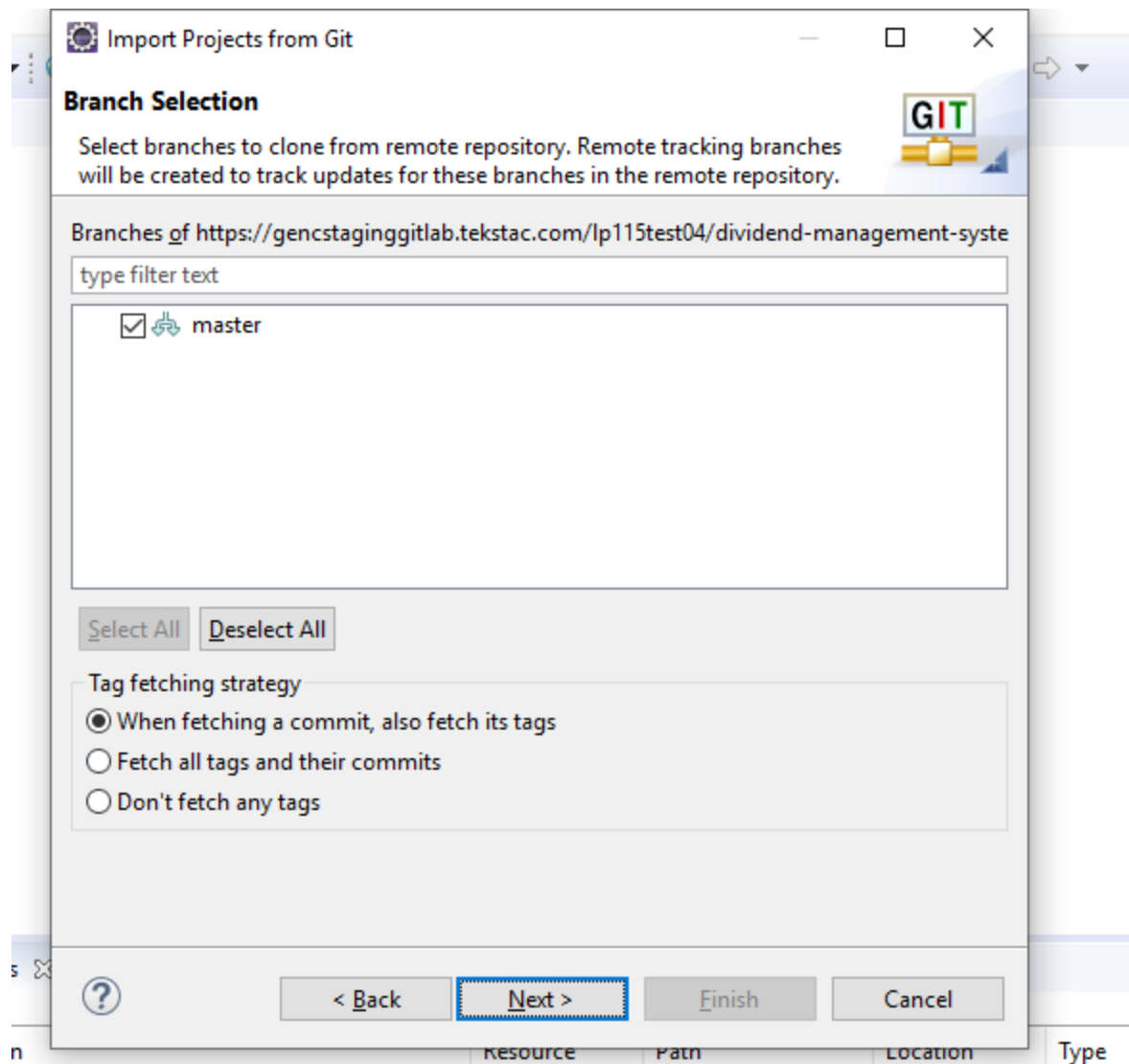
Next >

Finish

Cancel

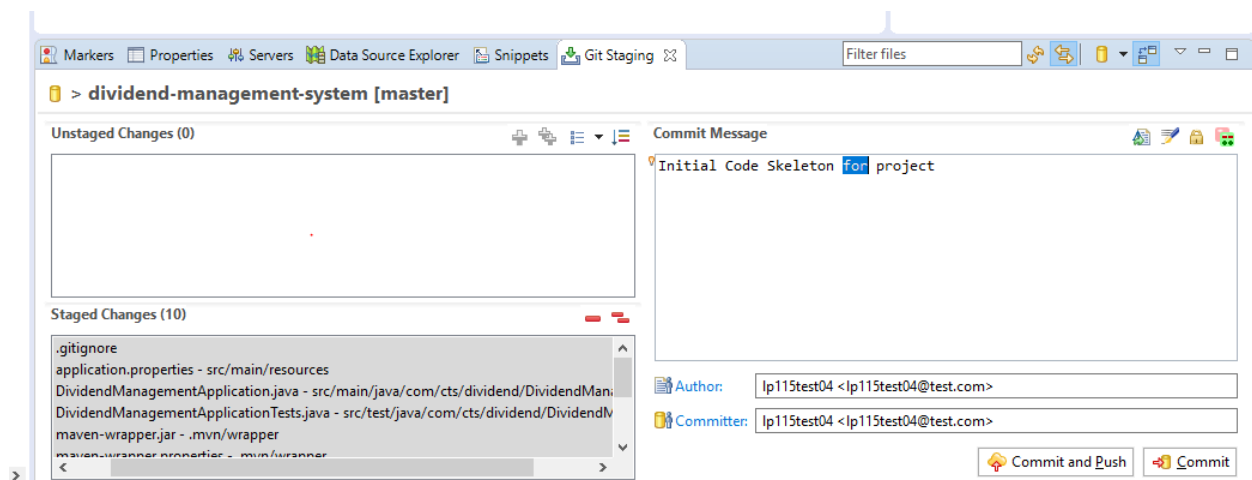
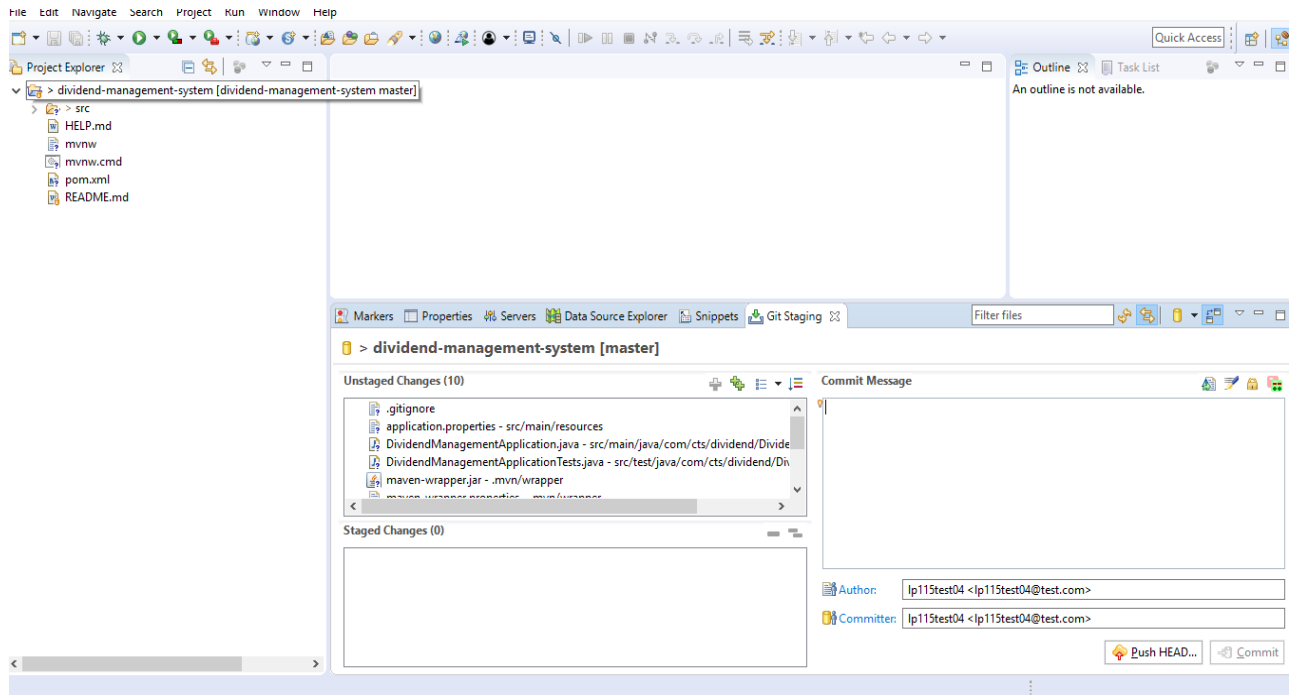


This enables to select the default master branch.



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

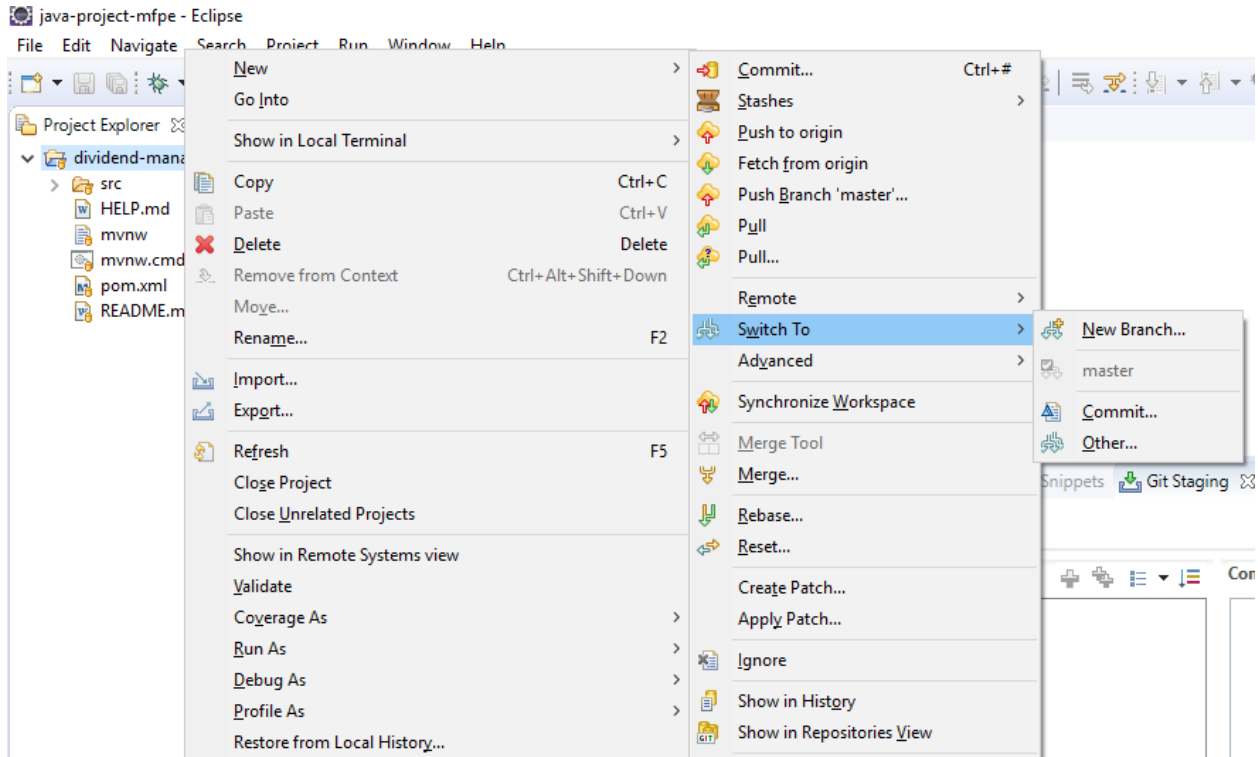
Step 4: Add the code skeleton files to the project. Click the Git staging view from eclipse preference to view the newly added files.



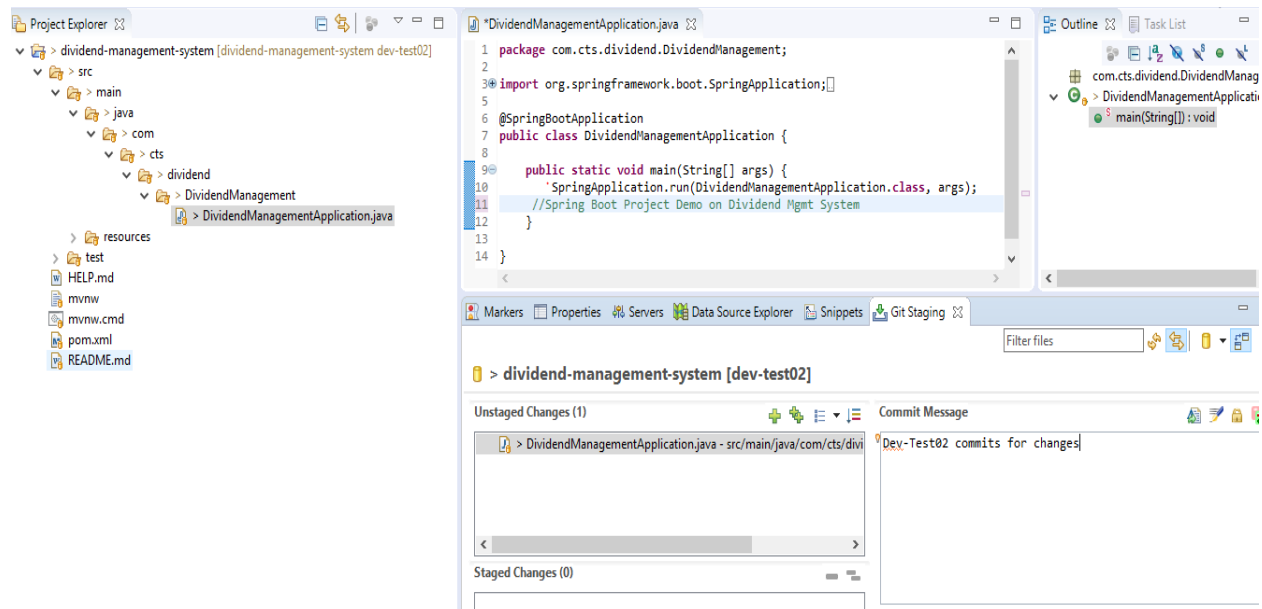
Step 5: Add the unstaged files and commit with appropriate message. Now the master branch is committed with project structure and the same need to push the changes to master. So, click **Commit and Push** button in the bottom right corner.

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.

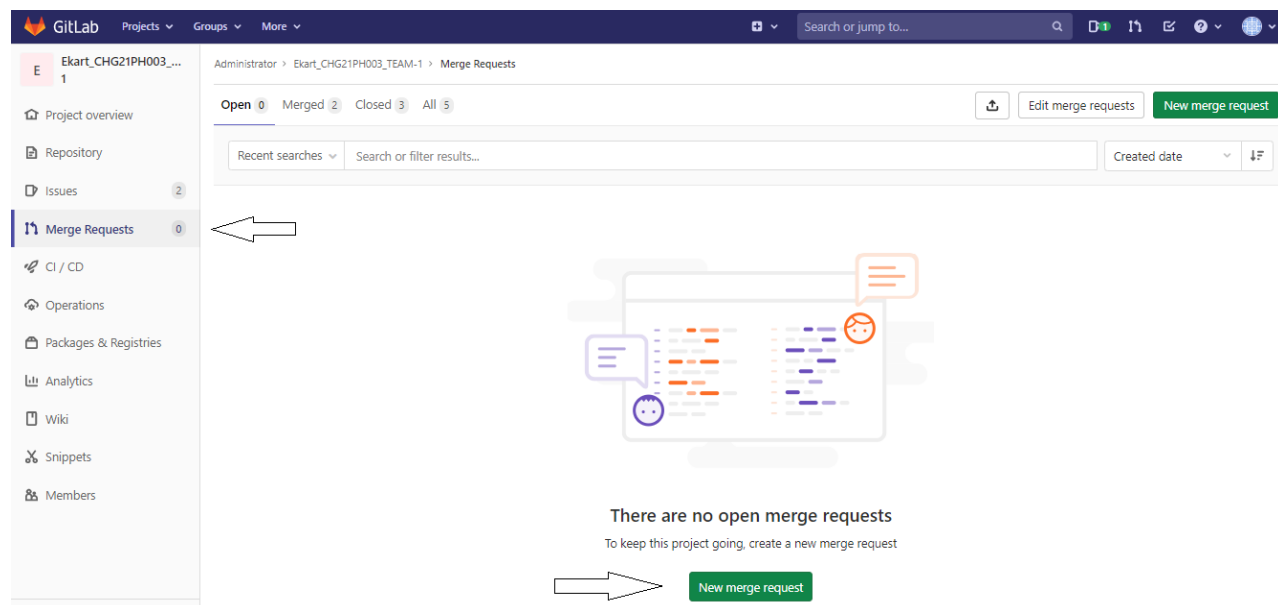


Step 2: Do the necessary changes as per the requirement and follow the same steps for committing the files to the new branch.



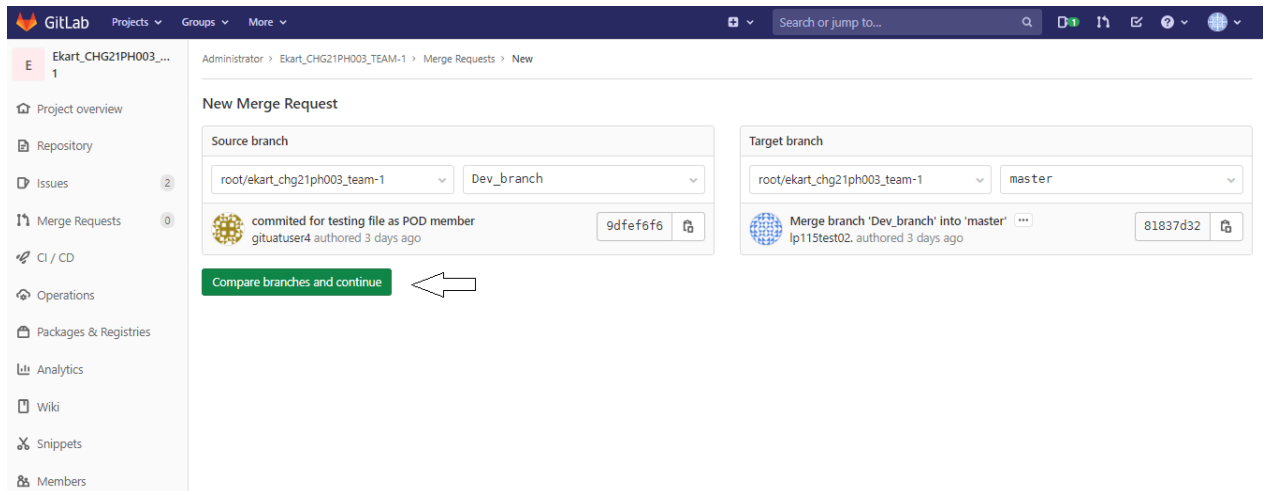
Merge Request for merging new branch into master:

- 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.