**Software Development and Testing IT7320**

**LAB WORK**

Team Members: Submitted to:

Anjali Khandelwal

Kwino

Ralph Saplan

Thanh Huynh

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We can install git from www.git-scm .com. It helps developer to work on project on their local computer and they can copy there whole local repo on the server using github to collaborate with other team members.

**1.Launch terminal of git shell:**

Here are all screenshots of installation of git on local computer.

1. Open [www.git-scm.com](http://www.git-scm.com) to get the download link.

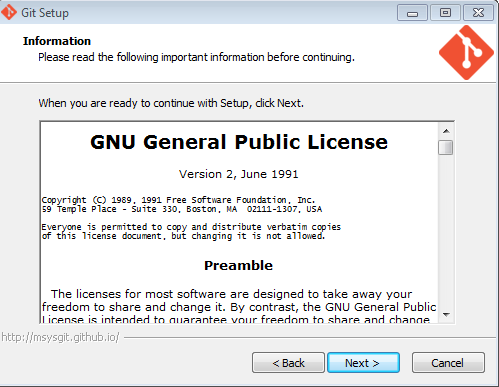


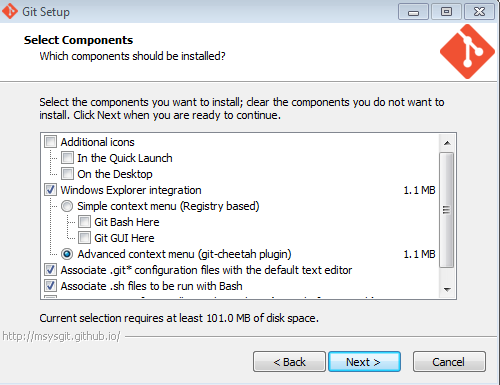
1. Download git by clicking on download link. Latest version 2.5.0.

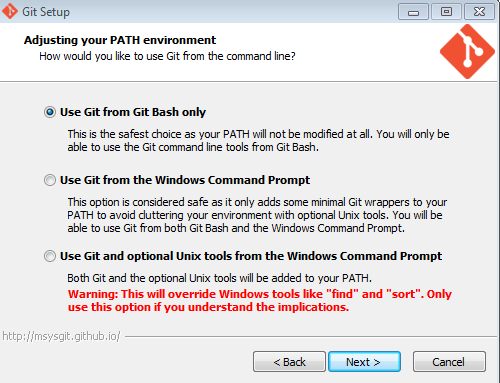


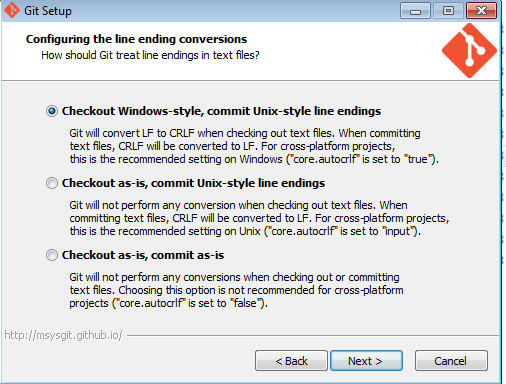
1. Follow the instructions and complete the setup.

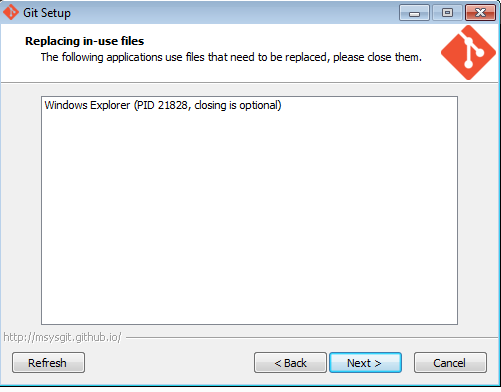






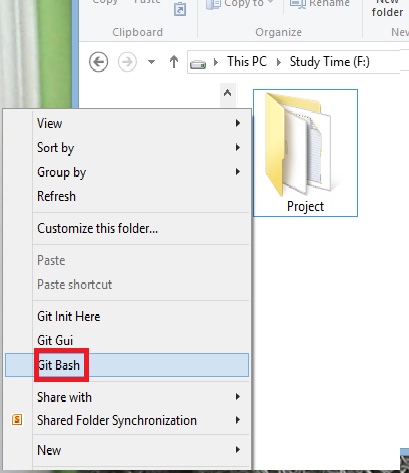






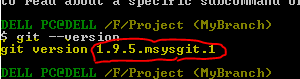


After Completing the Git installation we can open a folder in git bash which is a command line platform and we can perform git commands in it.

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**2.Check Git installation with git version check:**

To check git version type command “git –version” in git bash.

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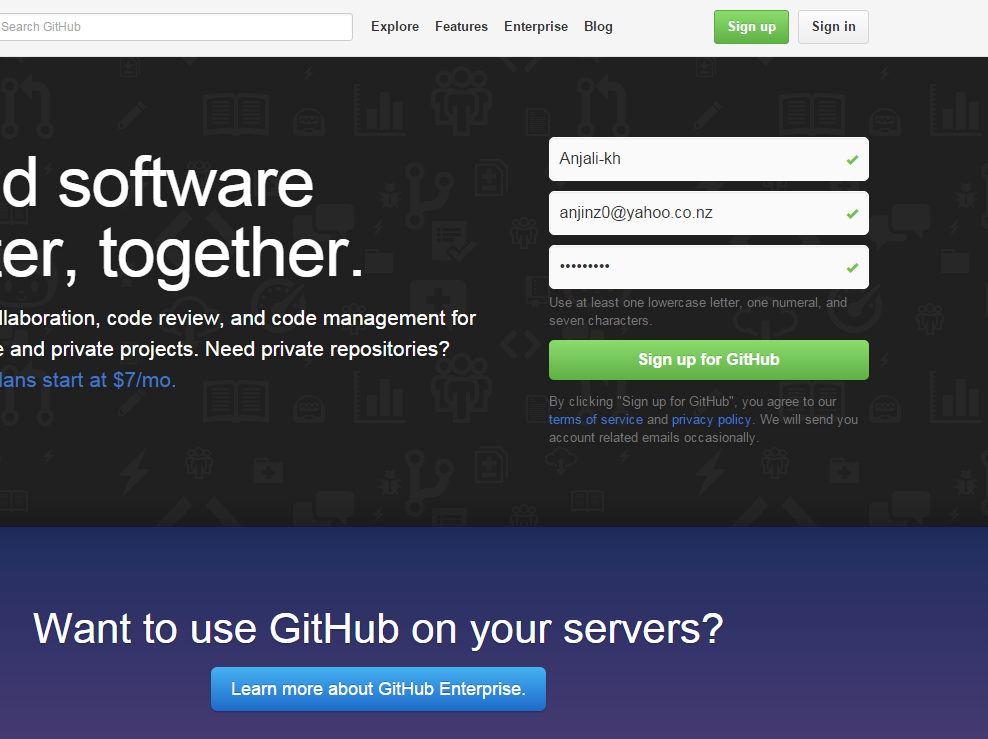
**3.Launch GitHub for desktop:**

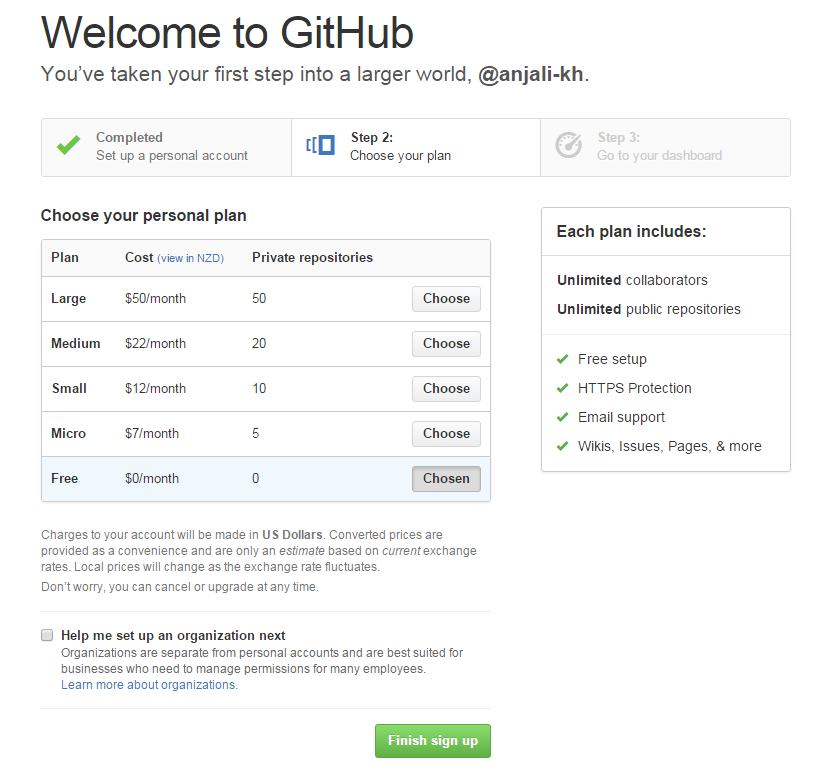
In order to collaborate with all team members and to share copy of local repo we need git hub account on the server so that all members can see each other progress, give reviews and discuss their queries. Every member needs to create github account.

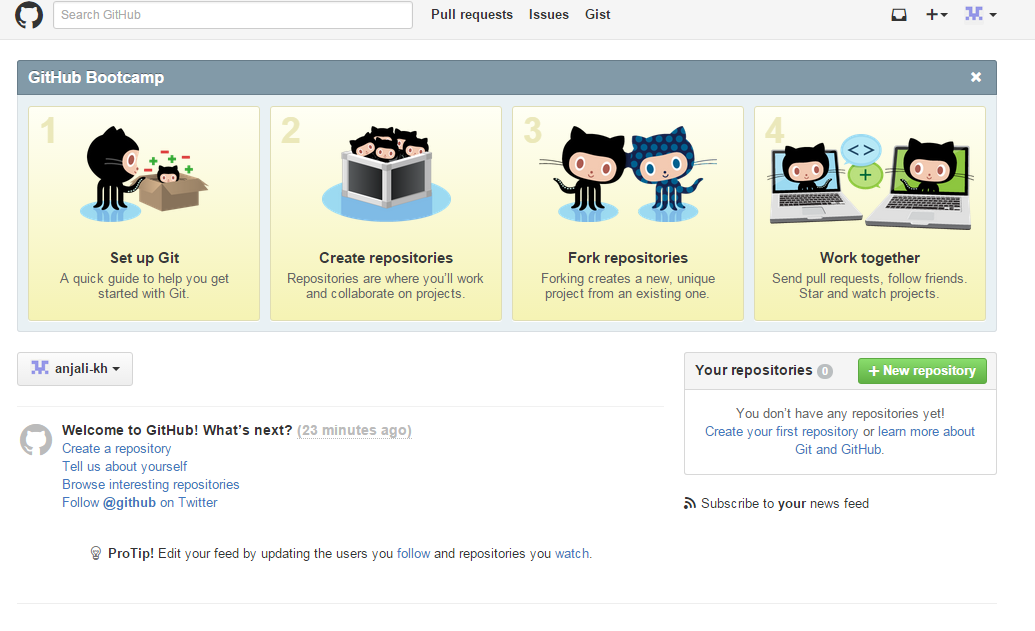
1. Sign up on github website [www.github.com](http://www.github.com) to create github account.



1. After that we on the new webpage we need to sign up by type in the details like username , email address, password .
2. After finishing sign up we can sign in any time when we need to access GitHub account by click on sign in and type in username and password.





The above screenshot is the welcome page of GitHub account.

Now we can copy local repositories to the git hub account and we can get all the changes updates in our local repo from remote repo (which we create in Github).

1. We can create remote repo just by clicking on New repository button in github account.

