

Go Track

Week 9 SCRUM



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SCRUM

SCRUM with Git

Description	<i>In this lesson, you will learn about doing SCRUM in Git.</i>
Learning Objectives	Understand the basic of using Git
Duration	45 ~ 90 minutes

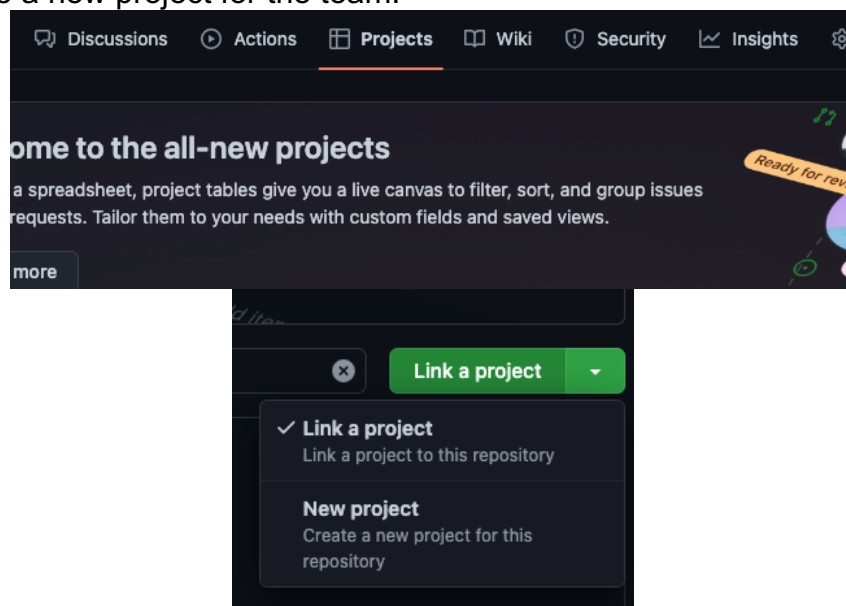
Creation of GitHub account.

GitHub link: <https://github.com/>

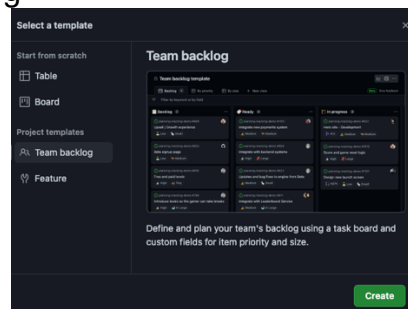
Select "Sign Up" and follow the instructions given.

Activity #1: Git Project

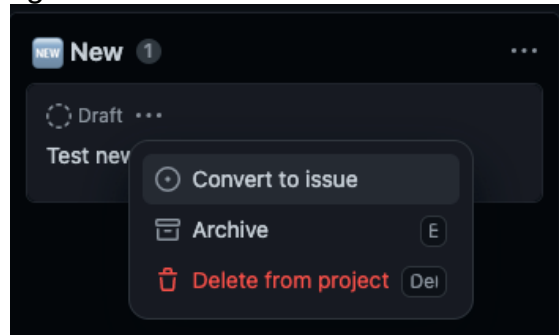
1. Navigate to your repository.
2. Add the team members as collaborators for the project.
3. Create a new project for the team.



4. Create a team backlog



5. Attempt to use this as a digital scrum board and create the different tickets before converting them to issues. Address the case scenario.





Case Scenario:

It is desired to develop an attendance taking cum common test release platform. The system will be deployed to allow students or participants to log in and register their attendance. The system shall also allow dissemination and gathering of documents to and from students or participants who signed in.

System Pages

The system shall have

1. Login Page
2. Main Page
3. Settings Page

Roles

The system shall allow for 2 types of roles and having the following access

1. Admin – Login Page, Main Page, Settings Page
2. Student/Participants – Login Page, Main Page

Login Page

The login page shall ask for the user to enter the following

1. Username
2. Student ID

The system shall serve the relevant pages to the user roles.

Main Page

The main page shall serve the available uploaded files for download once the user has been authenticated.

It shall also allow the user to submit files to the system.

Settings Page

The settings page shall allow the admin to upload the desired files to be stored on the system.

It also allows for the admin to upload the latest list of username and student ID.

The list of users MUST not be shown in the main page for download.

The user list shall be in a simple text format.

The settings page shall allow the admin to download all files available that were submitted by the users.

You may refer to the following

https://www.golinuxcloud.com/golang-read-a-file-methods/#4_Reading_File_line_by_line_to_String_Array_in_GoLang

The content of the text file shall be:

Username1, StudentID,
Username2, StudentID,
Username3, StudentID,
...

Logging

The system shall log

1. The time and date of user login
2. The time and date of user submission of files
3. The file submitted by the user

The log shall be in a simple text file stored in the system.