Connect to : http://192.168.80.10:8080/

Sign in to Jenkins

Username
nonit23

Password
••••••••

☐ Keep me signed in

Sign in

Username: nonit23 - password: Aavn123!@#

Dashboard

+ New Item
👥 People
📥 Build History
◎ Project Relationship
📇 Check File Fingerprint
⚙ Manage Jenkins
🗓 My Views

Create new Project

All +

S	W	Name ↓
⊗	☁	agile-skills-test
✓	☀	agile_skills_dev

Enter an item name

Project Name

» This field cannot be empty, please enter a valid name

Freestyle project
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

Maven project
Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.

Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

Multi-configuration project
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific

Pipeline

Definition

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://gitsource.axonactive.com/hcmc-itclass/agile-skills

Credentials ?

agile-skills-token-jenkins/******

Add ▾

Setting in jenkins configure -> Get token from git lab

Advanced ▾

Add Repository

Branches to build ?

Select branch want to build

Branch Specifier (blank for 'any') ?

*/dev

Save   Apply

Add ▾

Script Path ?

File create in source code

Jenkinsfile-dev

☑ Lightweight checkout ?

Pipeline Syntax

```
pipeline {
    agent any


    tools {                                    Basic jenkins file
        maven '3.8.8'
    }

    stages {
        stage('SonarQube analysis') {          Stage to push code to sonar
            steps {
                withSonarQubeEnv('SonarQubeServer') {
                 sh """
                 mvn clean verify sonar:sonar -Dsonar.projectKey=agile-skills -Dsonar.host.url=http://192.168.70.81:9000 -Dsonar.login=
                     """
                }
            }
        }

        stage('Show Report') {                 Show jacoco report
            steps {
                publishCoverage adapters: [jacocoAdapter('target/site/jacoco/jacoco.xml')]
            }
        }

        stage('Move war file') {               Remove old file.war and
            steps {                            copy new file.war in jenkins folder
                sh """
                    cd /opt/itclass/wildfly-test/deployments/
                    rm agileskills.war
                    cp /var/lib/jenkins/workspace/agile_skills_dev/target/agileskills.war /opt/itclass/wildfly-test/deployments/
                    """
            }
        }
    }
}
```
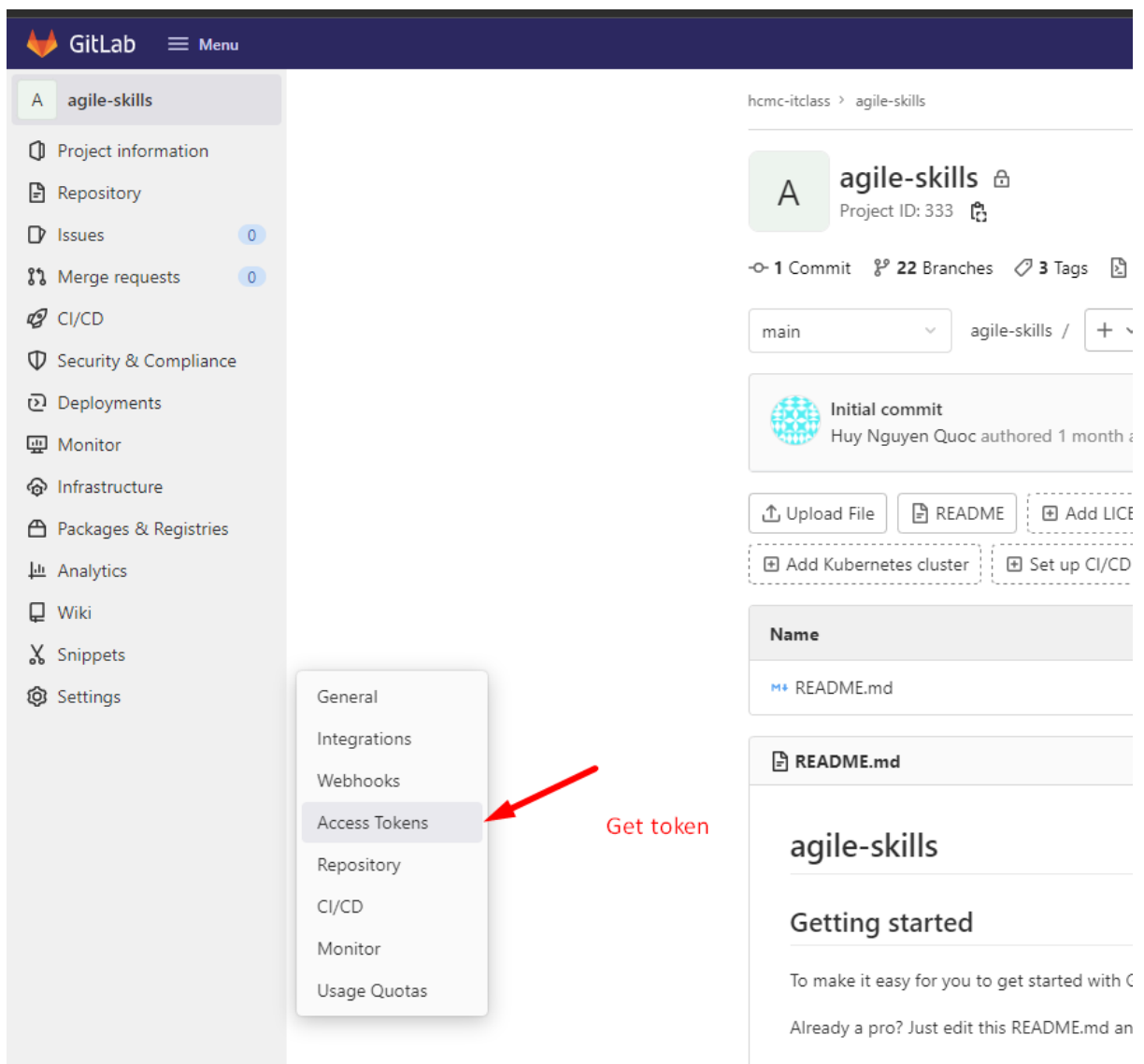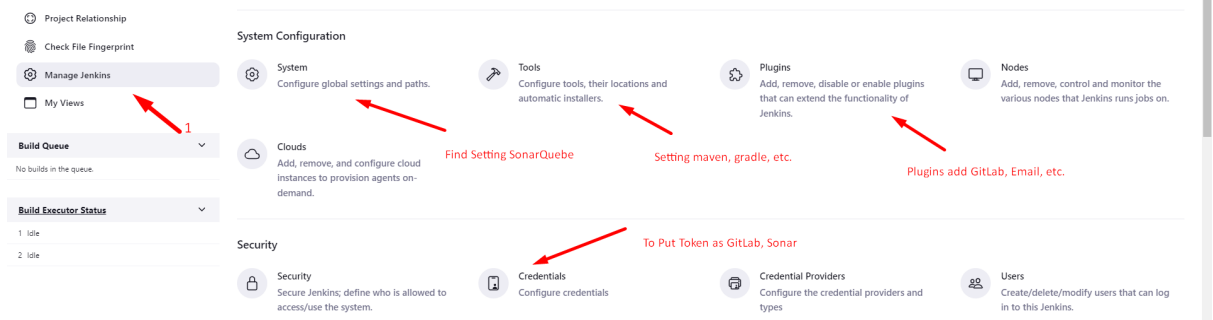
General Jenkins Setting

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

1

Build Queue

No builds in the queue.

Build Executor Status

1 Idle
2 Idle

System Configuration

⚙ System
Configure global settings and paths.

🔧 Tools
Configure tools, their locations and automatic installers.

🧩 Plugins
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.

💻 Nodes
Add, remove, control and monitor the various nodes that Jenkins runs jobs on.

☁ Clouds
Add, remove, and configure cloud instances to provision agents on-demand.

Find Setting SonarQuebe

Setting maven, gradle, etc.

Plugins add GitLab, Email, etc.

Security

🔒 Security
Secure Jenkins; define who is allowed to access/use the system.

📱 Credentials
Configure credentials

To Put Token as GitLab, Sonar

🖨 Credential Providers
Configure the credential providers and types

👥 Users
Create/delete/modify users that can log in to this Jenkins.

GitLab ☰ Menu

A agile-skills

📃 Project information
📄 Repository
🗂 Issues   0
🔀 Merge requests   0
🚀 CI/CD
🛡 Security & Compliance
🔁 Deployments
🖥 Monitor
🌐 Infrastructure
📦 Packages & Registries
📊 Analytics
📘 Wiki
✂ Snippets
⚙ Settings

General
Integrations
Webhooks
Access Tokens
Repository
CI/CD
Monitor
Usage Quotas

Get token

hcmc-itclass > agile-skills

A agile-skills 🔒
Project ID: 333 📋

○ 1 Commit   ⌥ 22 Branches   🏷 3 Tags

main ⌄   agile-skills /   + ⌄

Initial commit
Huy Nguyen Quoc authored 1 month a

⬆ Upload File   📄 README   ⊞ Add LICE

⊞ Add Kubernetes cluster   ⊞ Set up CI/CD

Name

M↓ README.md

📄 README.md

agile-skills

Getting started

To make it easy for you to get started with G

Already a pro? Just edit this README.md an

📁 test ☆ master ⊕

Overview Issues Security Hotspots Measures Code Activity

≣ Project Information

Analyze your project

We initialized your project on SonarQube, now it's up to you to launch analyses!

① Provide a token

Create new Project in sonar will provide token

test: 50504e69882d21c491399e9fa01685de0640029e 🗑

The token is used to identify you when an analysis is performed. If it has been compromised, you can revoke it at any point of time in your user account.

Continue

② Run analysis on your project

📁 test ☆ master ⊕

Overview Issues Security Hotspots Measures Code Activity

≣ Project Information

Analyze your project

We initialized your project on SonarQube, now it's up to you to launch analyses!

① Provide a token