Full Stack Development Lab Jenkins 4

Multistage Pipelines

1. Lab objectives

In this lab you will be using a Jenkinsfile to run a multistage pipeline.

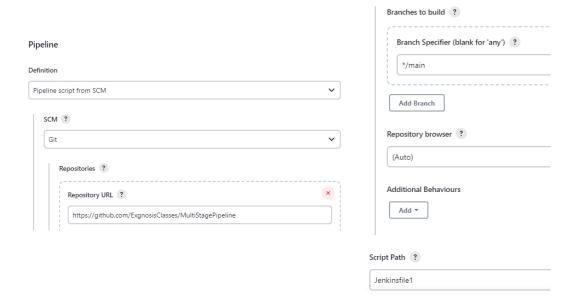
2. Create and run the project

Start Jenkins and log in as before.

Create a new **Pipeline** project called **Pipe2**.

For this project, you will be using a remote repository. For the SCM options enter https://github.com/ExgnosisClasses/MultiStagePipeline

Make sure you use the main branch and use the file Jenkinsfile1.



The Jenkinsfile1 is:

```
pipeline {
agent any
stages {
    stage('Build') {
        steps {
            echo 'Build'
stage('Test') {
        steps {
            echo 'Test'
stage('Package') {
        steps {
            echo 'Package'
stage('Deploy') {
        steps {
            echo 'Deploy'
stage('Report') {
        steps {
            echo 'Report'
```

Run the project and notice the stages. Look in the console output to see how the different stages executed.

3. Introduce a failure

Now run a different version of the pipeline – Jenkinsfile2 – that has the following error.

```
stage('Test') {
      steps {
          exho 'Test'
      }
 }
```

Run the build and notice how it displays the results. Switch back to Jenkinsfile1 and see the project build successfully.

End Lab