DEVSECOPS-PROJECT

NAME: ROHIT VARMA

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COURSE NAME: AWS WITH DEVOPS

pipeline{ agent any stages{

stage('checkout'){ steps{

checkout scmGit(branches: [[name: '\*/dev']], extensions: [], userRemoteConfigs: [[url: 'https://github.com/Rohitvarma123/taxi-booking.git']])

}

}

stage('validate'){ steps{

sh 'mvn validate'

}

}

stage('compile'){ steps{

sh 'mvn compile'

}

}

stage('test'){ steps{

sh 'mvn test'

}

}

stage('package'){ steps{

sh 'mvn package'

}

}

stage('sonarqube code quality'){ steps{

sh "mvn clean verify sonar:sonar -Dsonar.projectKey=rohit - Dsonar.host.url=http://18.183.224.233:9011 - Dsonar.login=sqp\_b27cdead8260bcfe3e99b25a8dd23fb325154b2a"

}

}

stage('dependency check'){ steps{

dependencyCheck additionalArguments: '--scan ./ --format XML ', odcInstallation: 'Dp-

check'

dependencyCheckPublisher pattern: '\*\*/dependency-check-report.xml'

}

}

stage('nexus to deploy'){ steps{

nexusArtifactUploader artifacts: [[artifactId: 'maven-project', classifier: '', file: '/var/lib/jenkins/workspace/petshotproject/taxi-booking/target/taxi-booking-1.0.1.war', type: 'war']], credentialsId: 'nexus-artifact', groupId: 'com.example.maven-project', nexusUrl: '57.180.42.66:8081', nexusVersion: 'nexus3', protocol: 'http', repository: 'maven-snapshots', version: '1.0-SNAPSHOT'

}

}

stage ('Build war file'){ steps{

sh 'mvn clean install -DskipTests=true'

}

}

stage('deploy to tomcat'){ steps{

deploy adapters: [tomcat9(credentialsId: 'tomcat', path: '', url: 'http://54.168.151.150:8080/')], contextPath: null, war: '\*\*/\*.war'

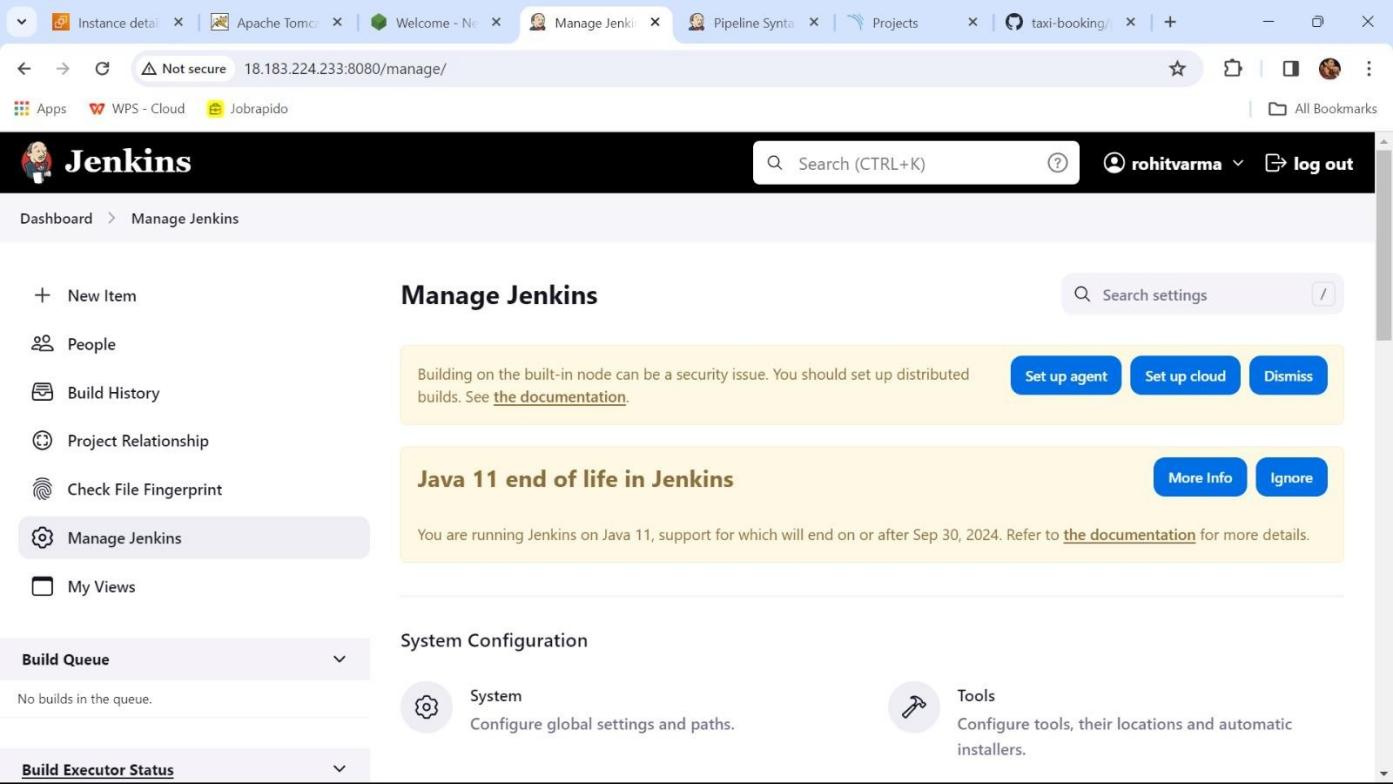
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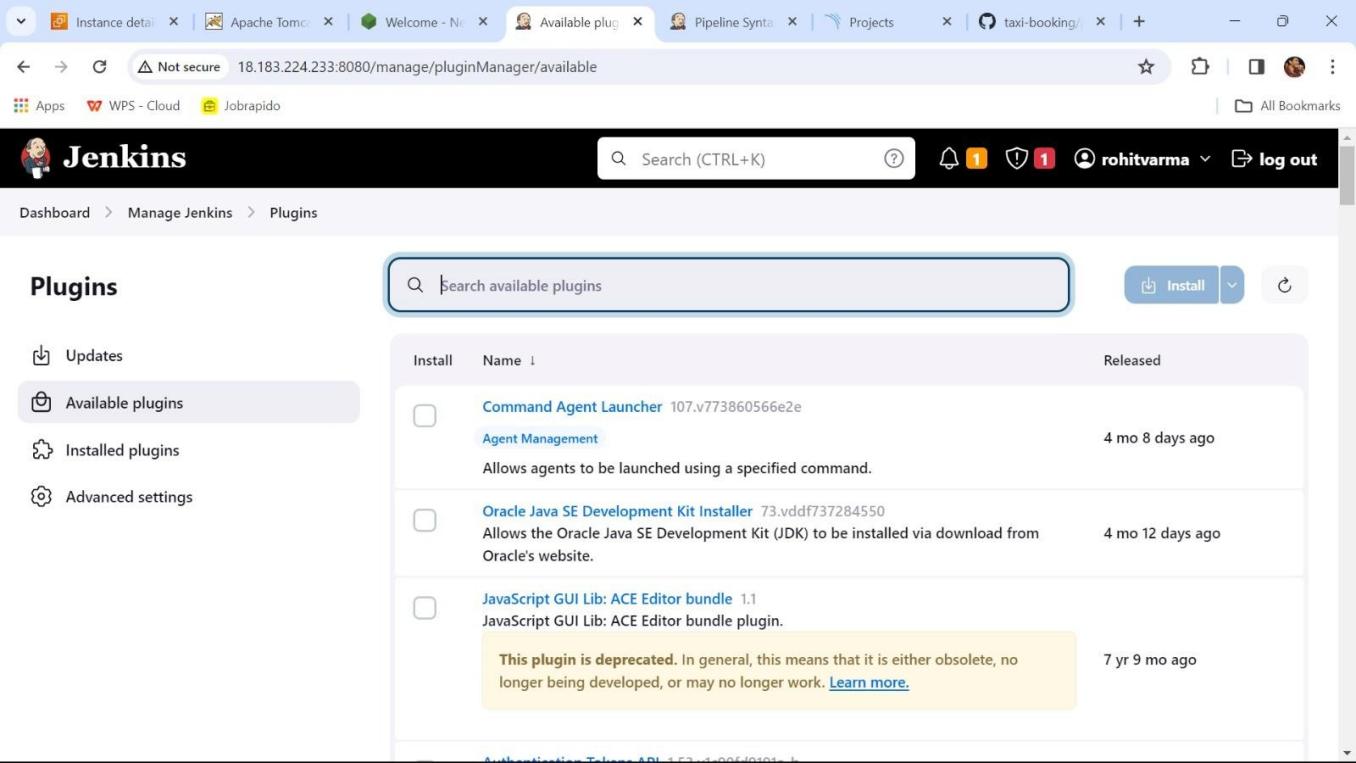
}

}

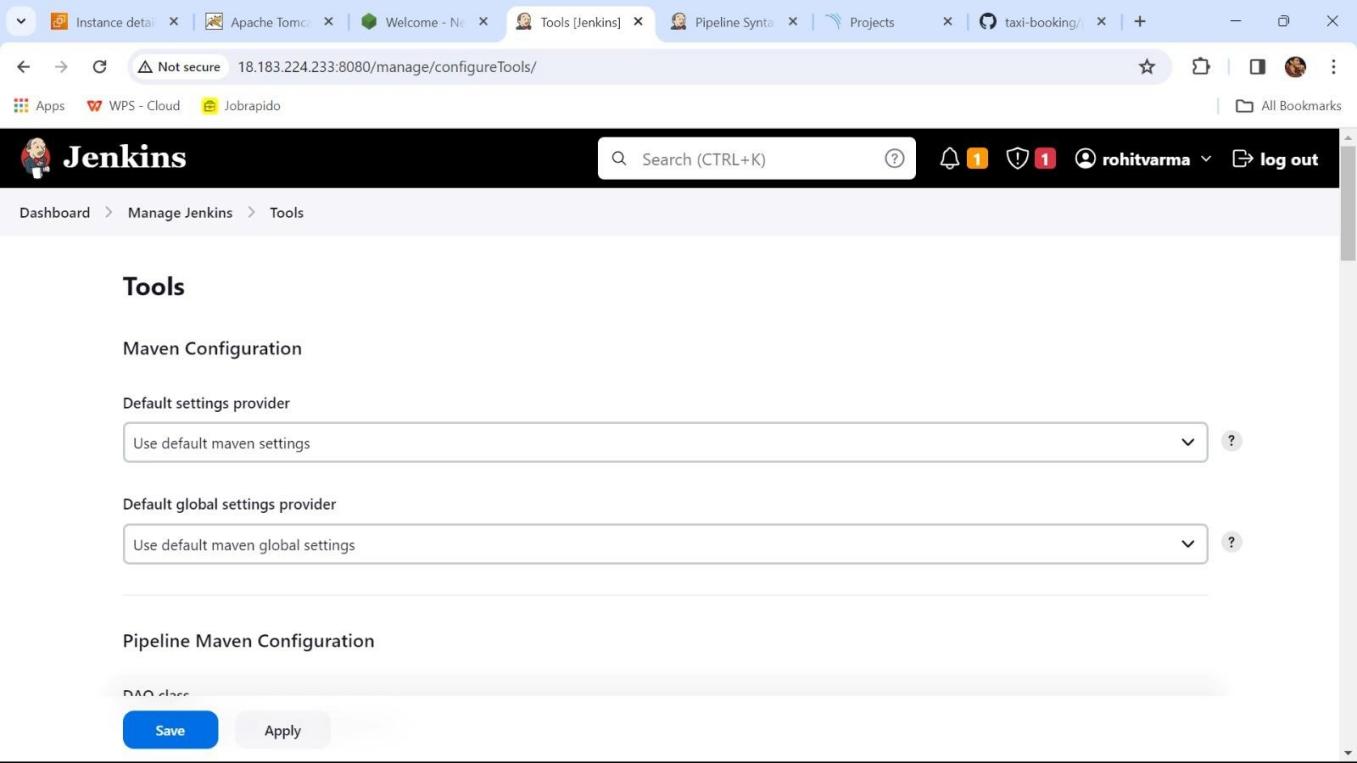
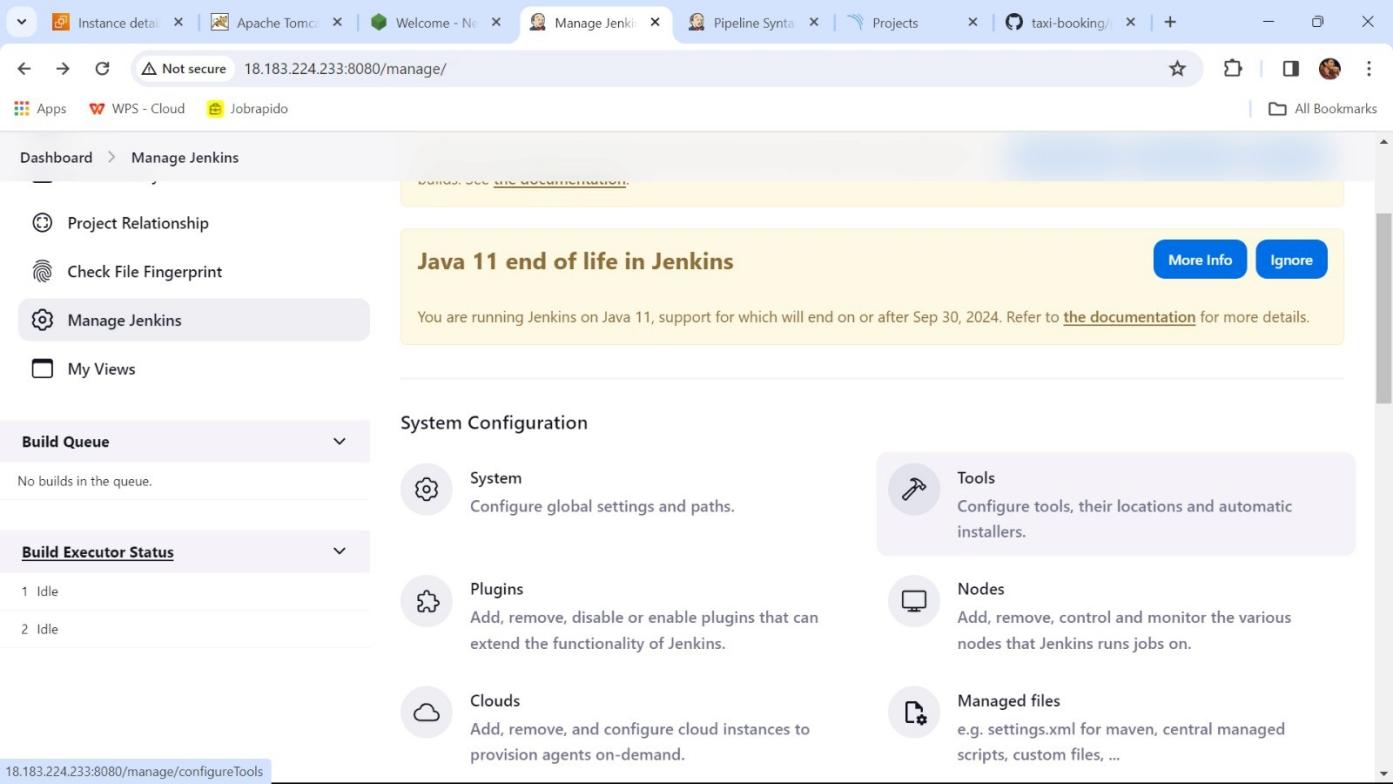
MANAGE JENKINS:

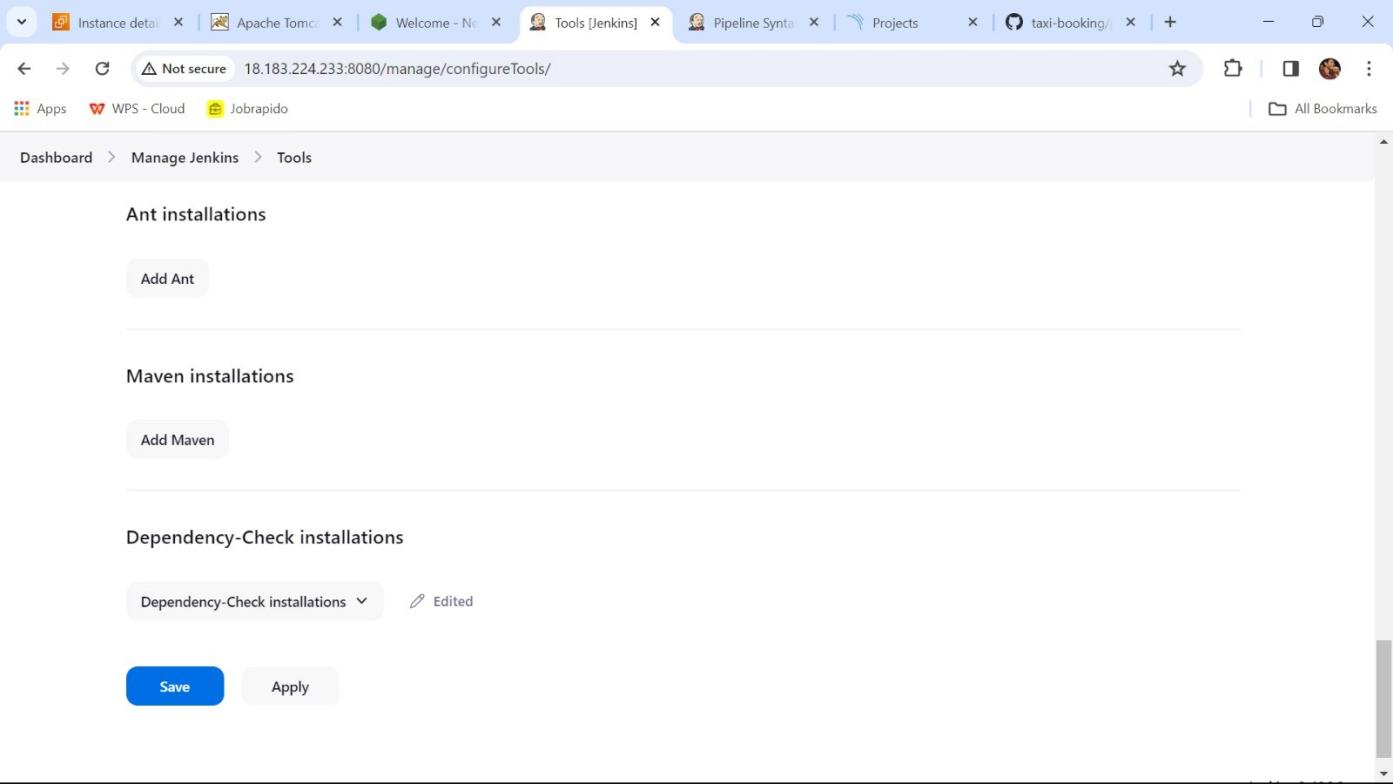


AVALIABLE PLUGINS:

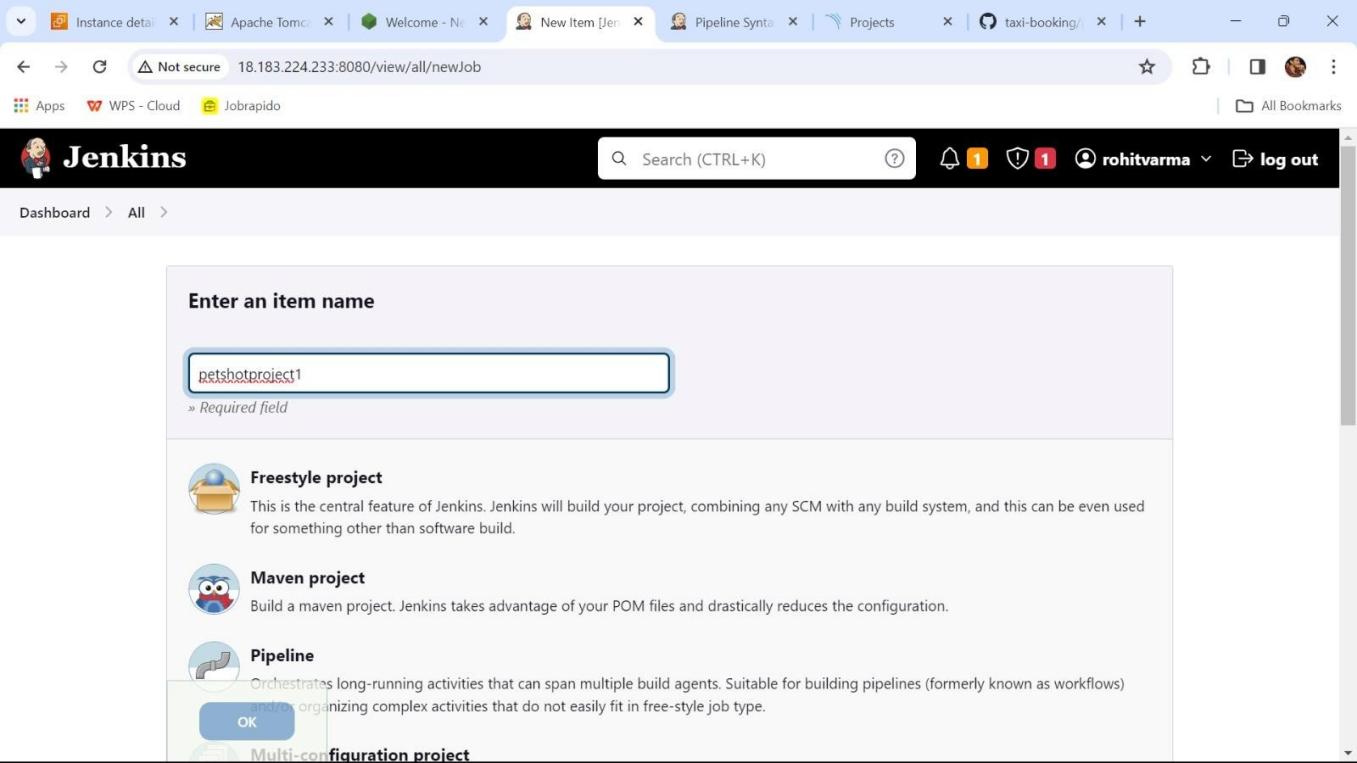


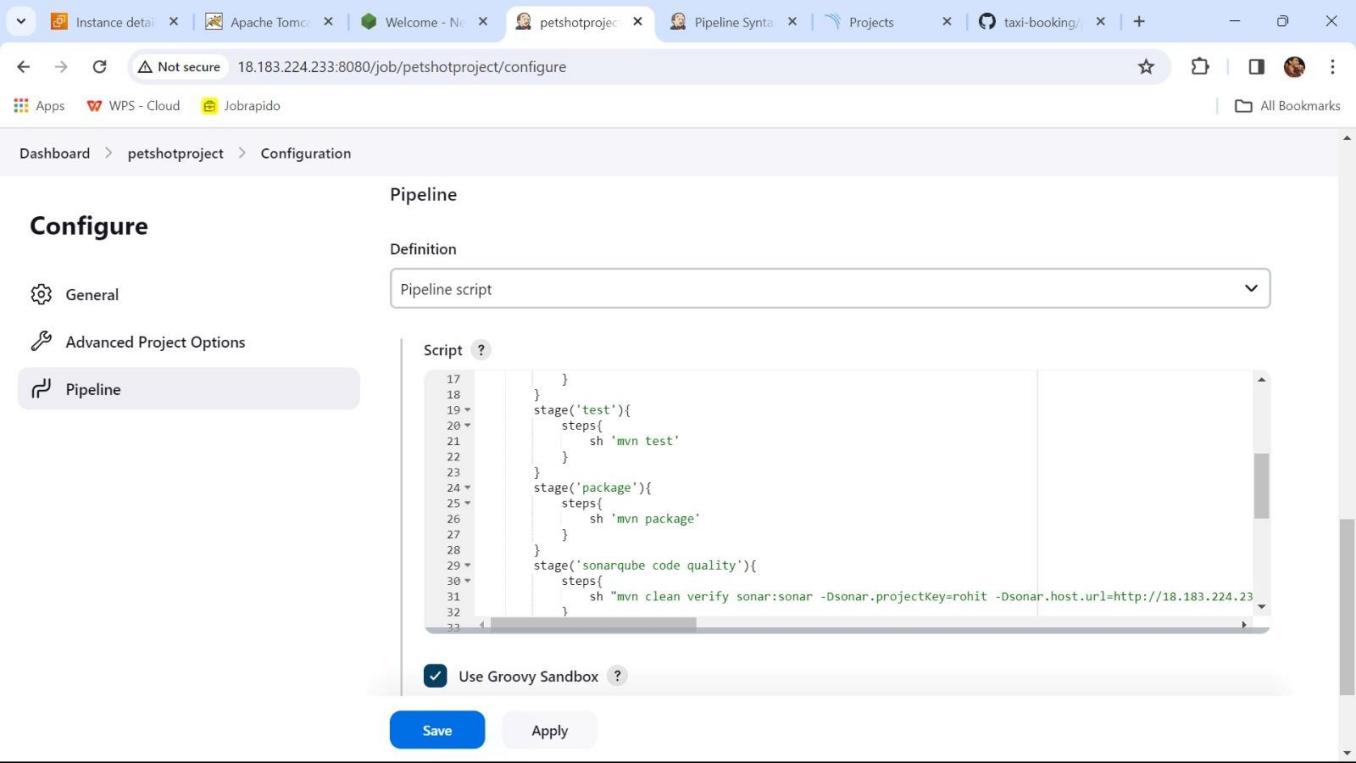
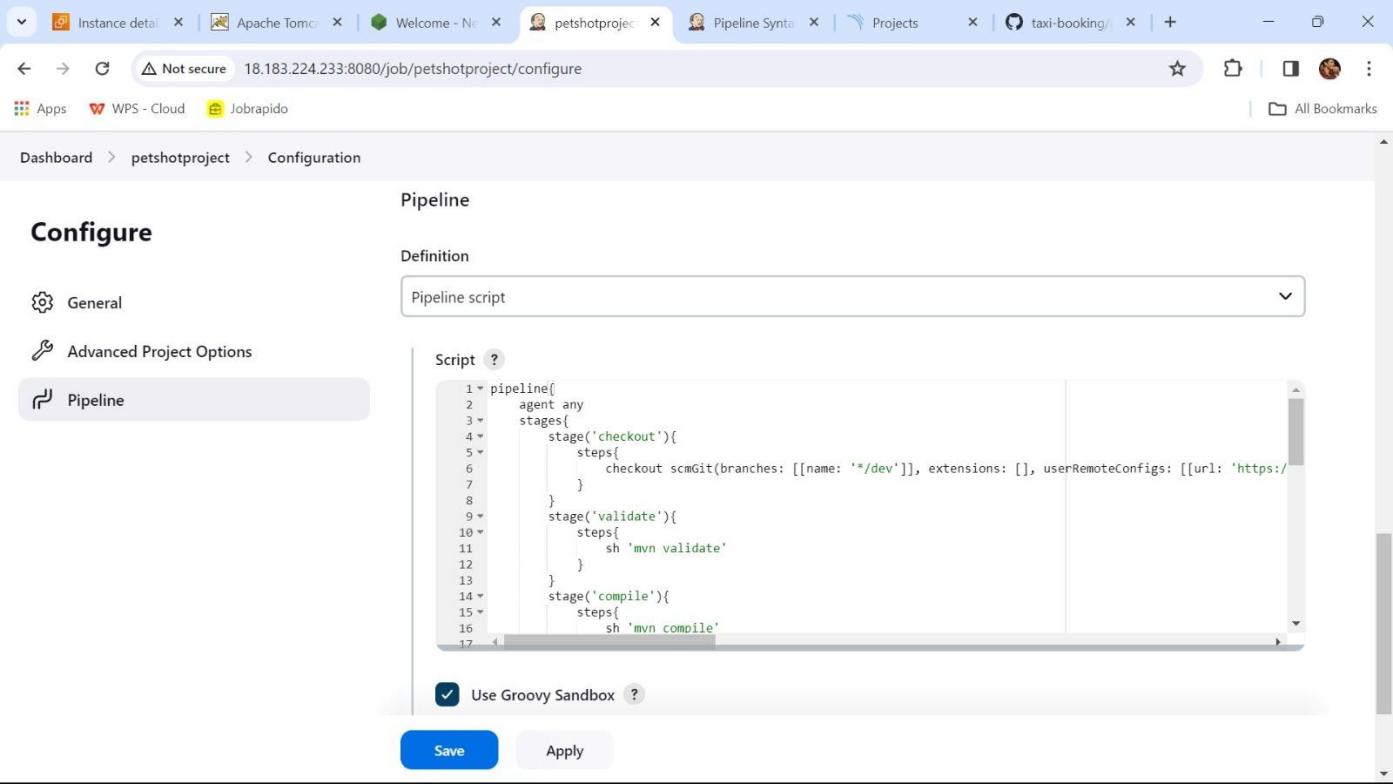
TOOLS:

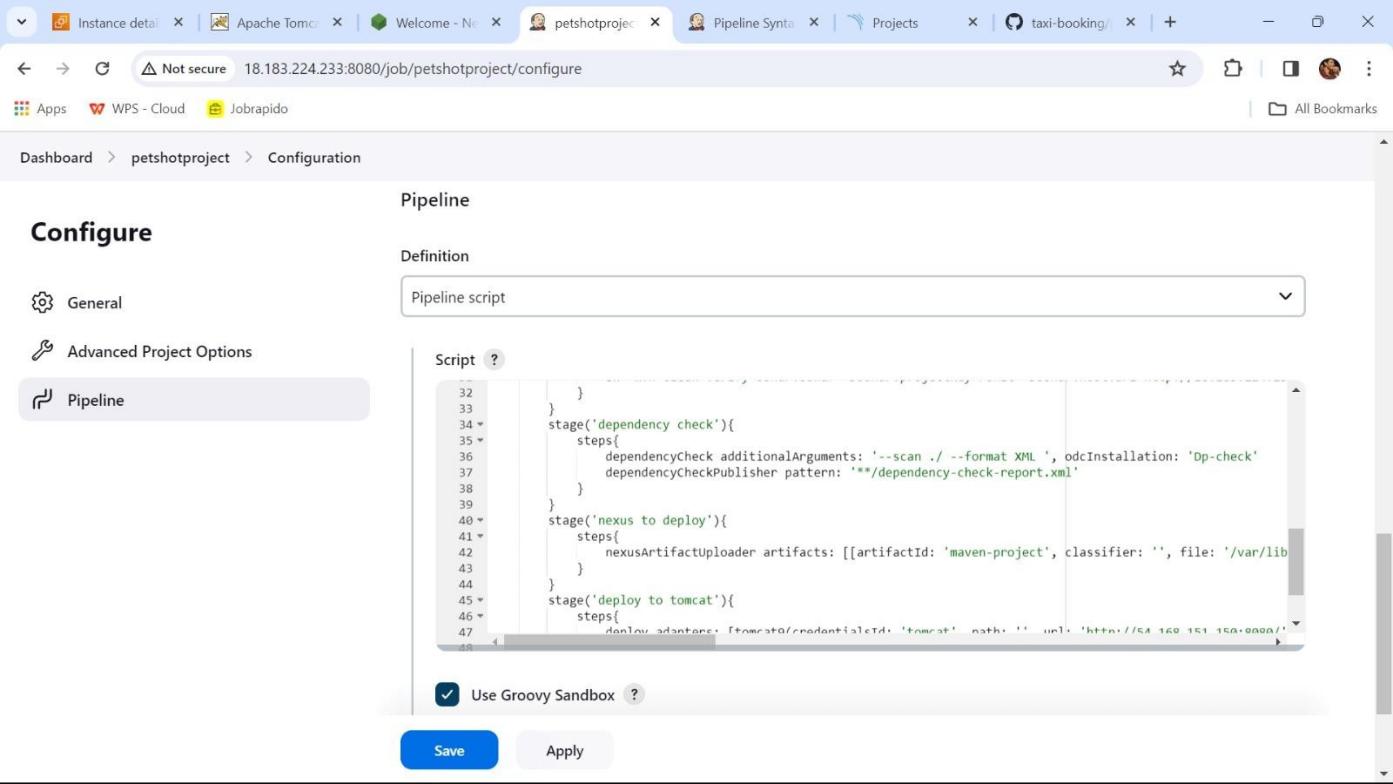




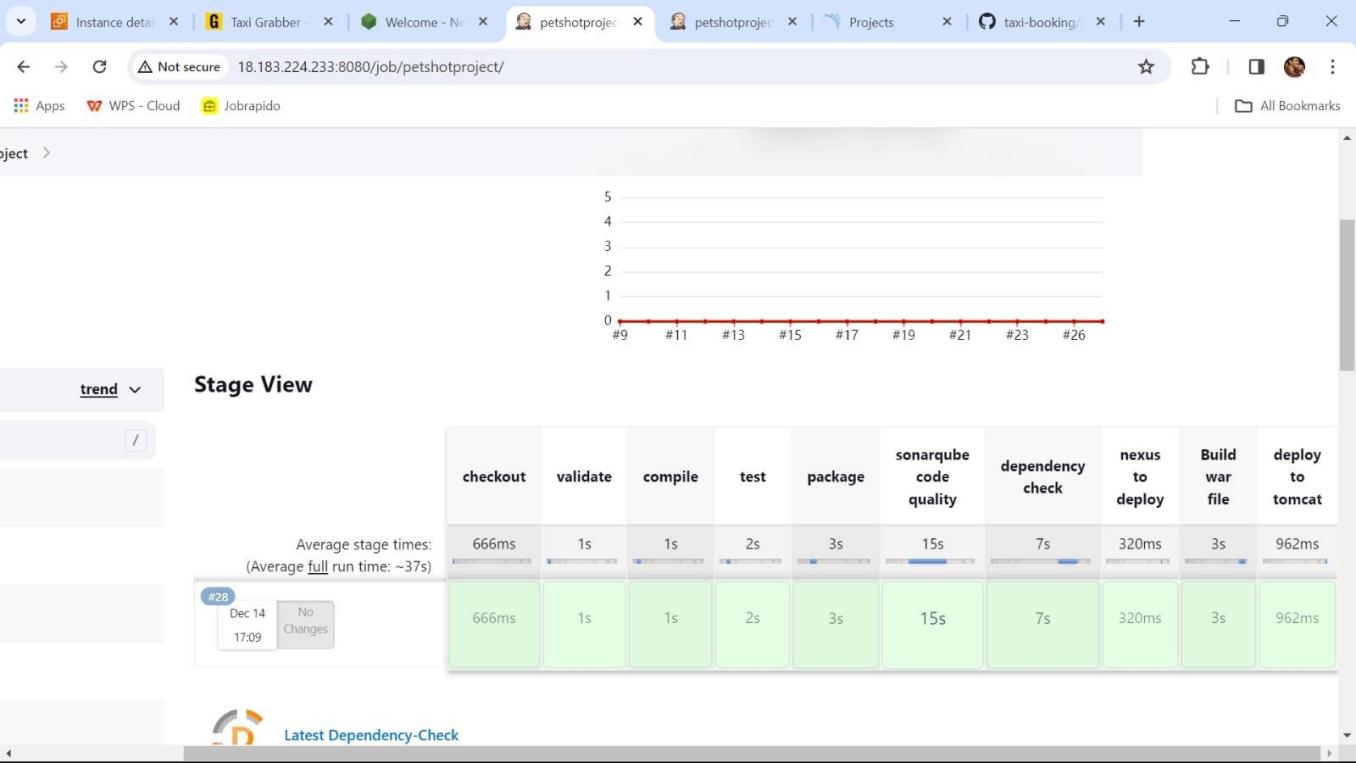
DASHBOARD: click on pipeline



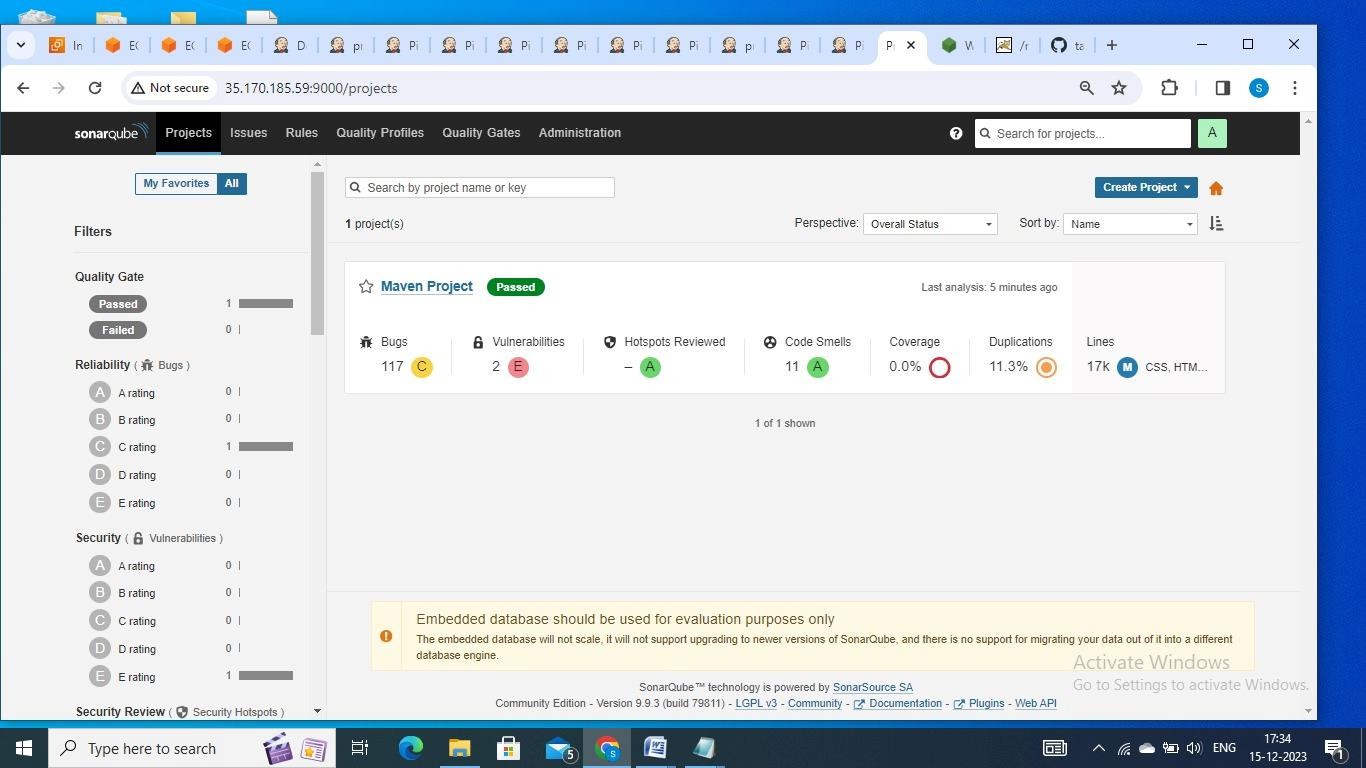
PIPELINE SCRIPT:



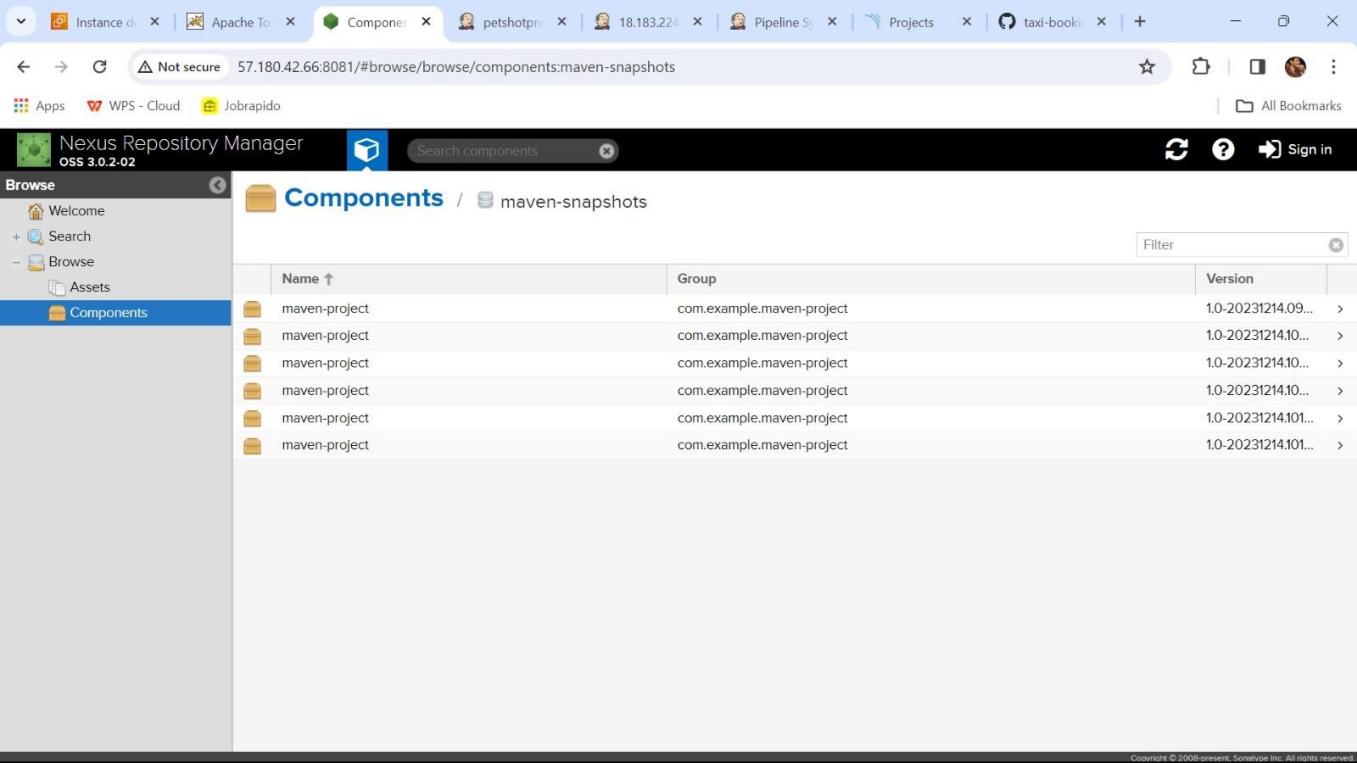
BULID OUTPUT:



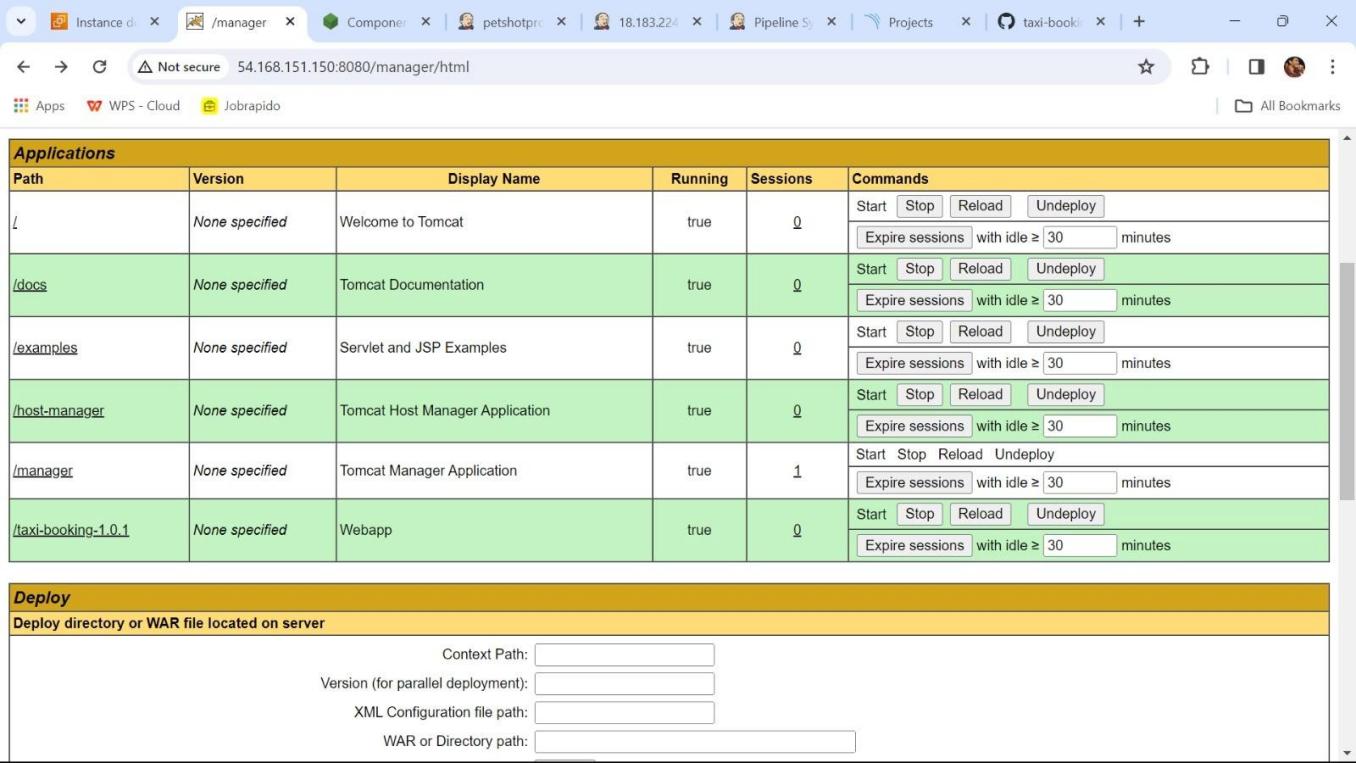
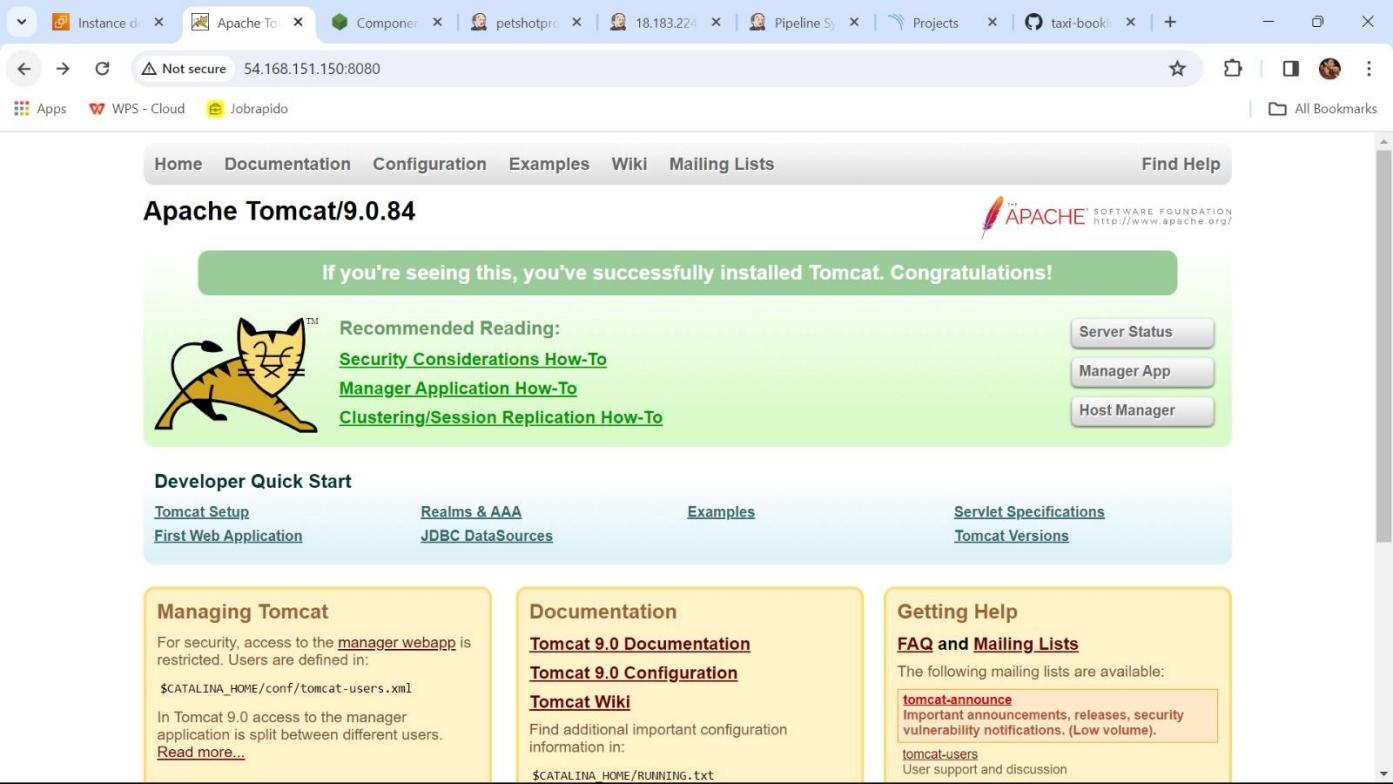
SONARQUBE CODE ANALYSIS:



NEXUS ARTIFACT:



DEPLOY TO TOMCAT



FINAL OUTPUT

