Rep link: https://github.com/hindujar/Phase2practiceproject2.git

PRACTICE PROJECT

Aim:

To create The E-commerce application shows the list of similar products available in stock. By checking the product details, it will search for that product in the database and displays the number of products available in the store in jenkins and java eclipse

Descriptions:

STEP 1:

Develop the E-commerce Application:

First, create the e-commerce application using Java and a web framework like Spring Boot. This application should have endpoints for displaying product details, searching for similar products, and checking product availability in the store.

STEP 2:

Set Up a Database:

You need a database to store product details and availability information. Use a relational database system such as MySQL, PostgreSQL, or H2 for development.

.Build and Test the Application:

Build and test your e-commerce application in Eclipse to ensure that it works correctly and provides the desired functionality.

STEP 3:

Configure Jenkins:

Set up Jenkins on your server and configure it for your project.

STEP 4:

Create a Jenkins Pipeline:

Create a Jenkins pipeline for your project that includes the following stages:

Checkout: This stage checks out your source code from your version control system (e.g., Git).

STEP 5:

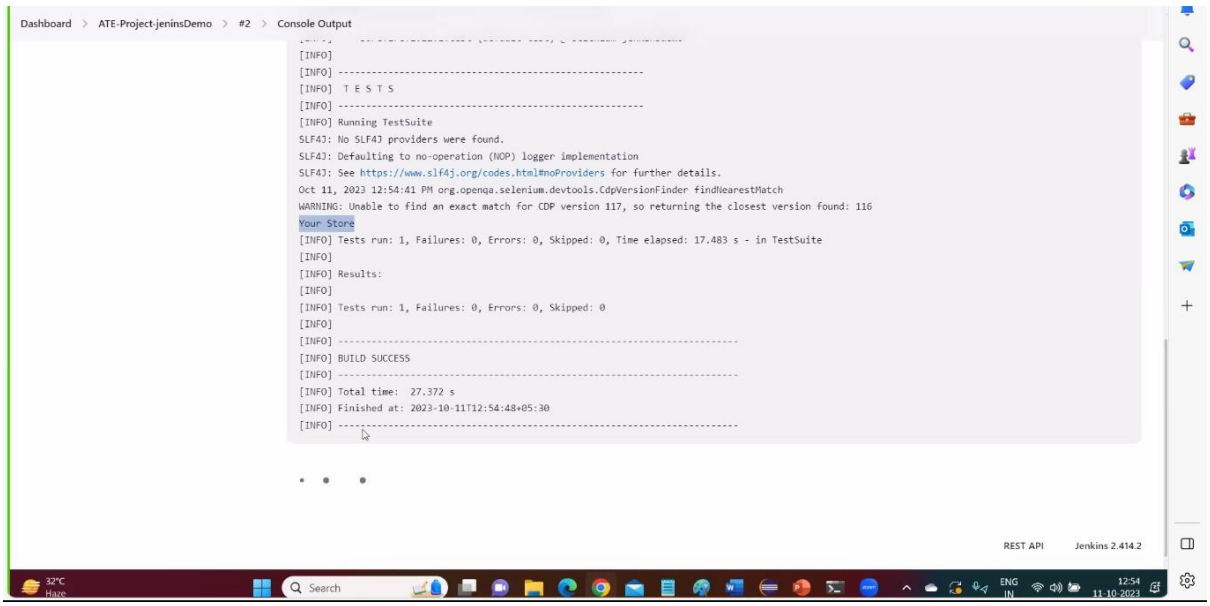
Trigger the Jenkins Pipeline:

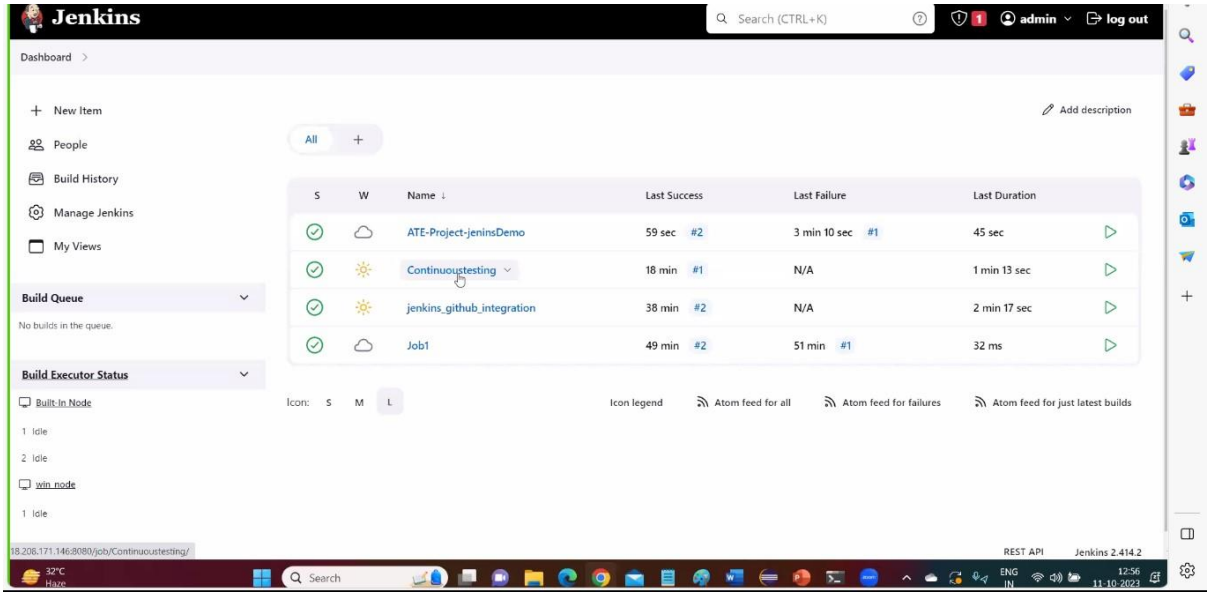
Manually trigger the Jenkins pipeline or configure it to run automatically whenever changes are pushed to your version control repository.

SOURCE CODE:

```
pipeline{


   tools{
      maven 'mymaven'
   }


   agent {label 'win_slave'}


   stages{
      stage('clone the repo')
      {
         steps{
            git https://github.com/hindujar/Pacticeproject_phase2.git
         }
      }


       stage('Seleniumtest')
      {
         steps{
            sh 'mvn test'
```

```
        }
    }
  }

}
```


Dashboard > ATE-Project-jeninsDemo > #2 > Console Output
[INFO]
[INFO] ---
[INFO] T E S T S
[INFO] ---
[INFO] Running TestSuite
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Oct 11, 2023 12:54:41 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 117, so returning the closest version found: 116
Your Store
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 17.483 s - in TestSuite
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] --
[INFO] BUILD SUCCESS
[INFO] --
[INFO] Total time: 27.372 s
[INFO] Finished at: 2023-10-11T12:54:48+05:30
[INFO] --
REST API
Jenkins 2.414.2
32°C
Haze
Search
ENG
IN
12:54
11-10-2023


Jenkins
Search (CTRL+K)
admin
log out
Dashboard
New Item
People
Build History
Manage Jenkins
My Views
Add description
All
S
W
Name
Last Success
Last Failure
Last Duration
ATE-Project-jeninsDemo
59 sec #2
3 min 10 sec #1
45 sec
Continuoustesting
18 min #1
N/A
1 min 13 sec
jenkins_github_integration
38 min #2
N/A
2 min 17 sec
Job1
49 min #2
51 min #1
32 ms
Build Queue
No builds in the queue.
Build Executor Status
Built-In Node
1 Idle
2 Idle
win node
1 Idle
Icon: S M L
Icon legend
Atom feed for all
Atom feed for failures
Atom feed for just latest builds
REST API
Jenkins 2.414.2
18.206.171.146:8080/job/Continuoustesting/
32°C
Haze
Search
ENG
IN
12:56
11-10-2023