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# CI-CD-DEPLOYMENT-FOR- SPRINGBOOT-APPLICATION

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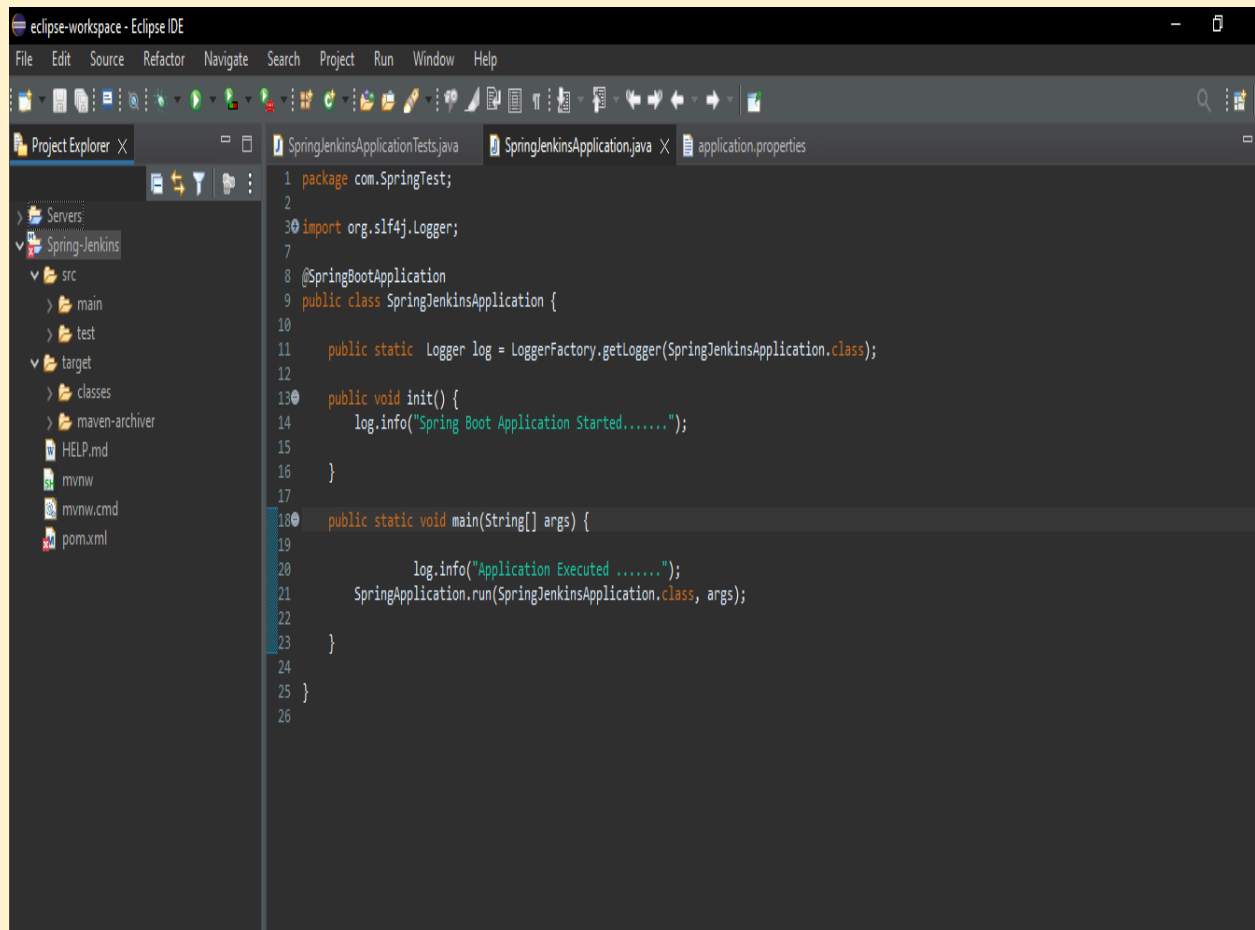
Document type: Screen-Shot



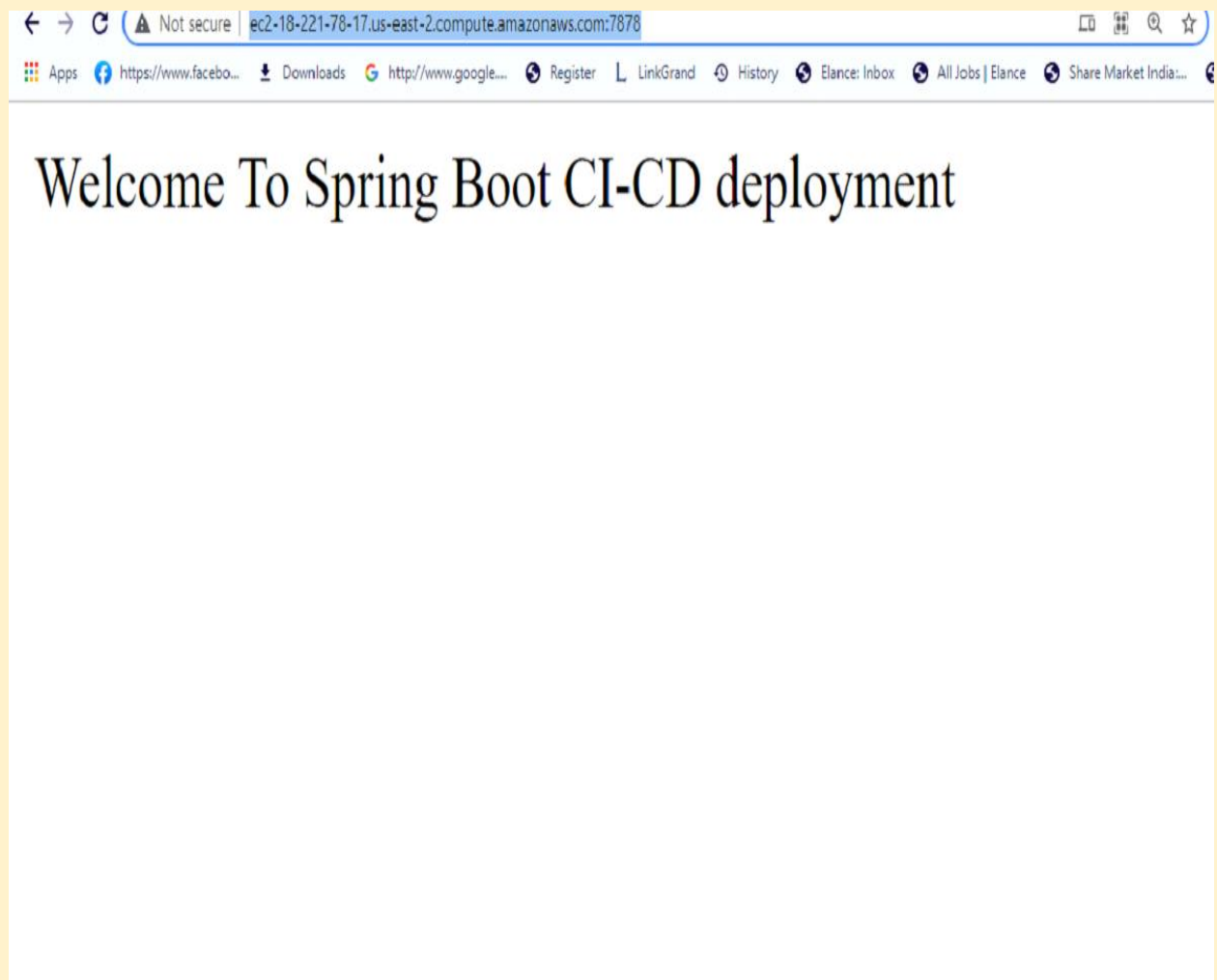
SUBMITTED BY: SAMEER SAFDAR KHAN

GITHUB REPOSITORY: <https://github.com/sameerkhan0411/ci-cd-deployment-for-springboot-application.git>

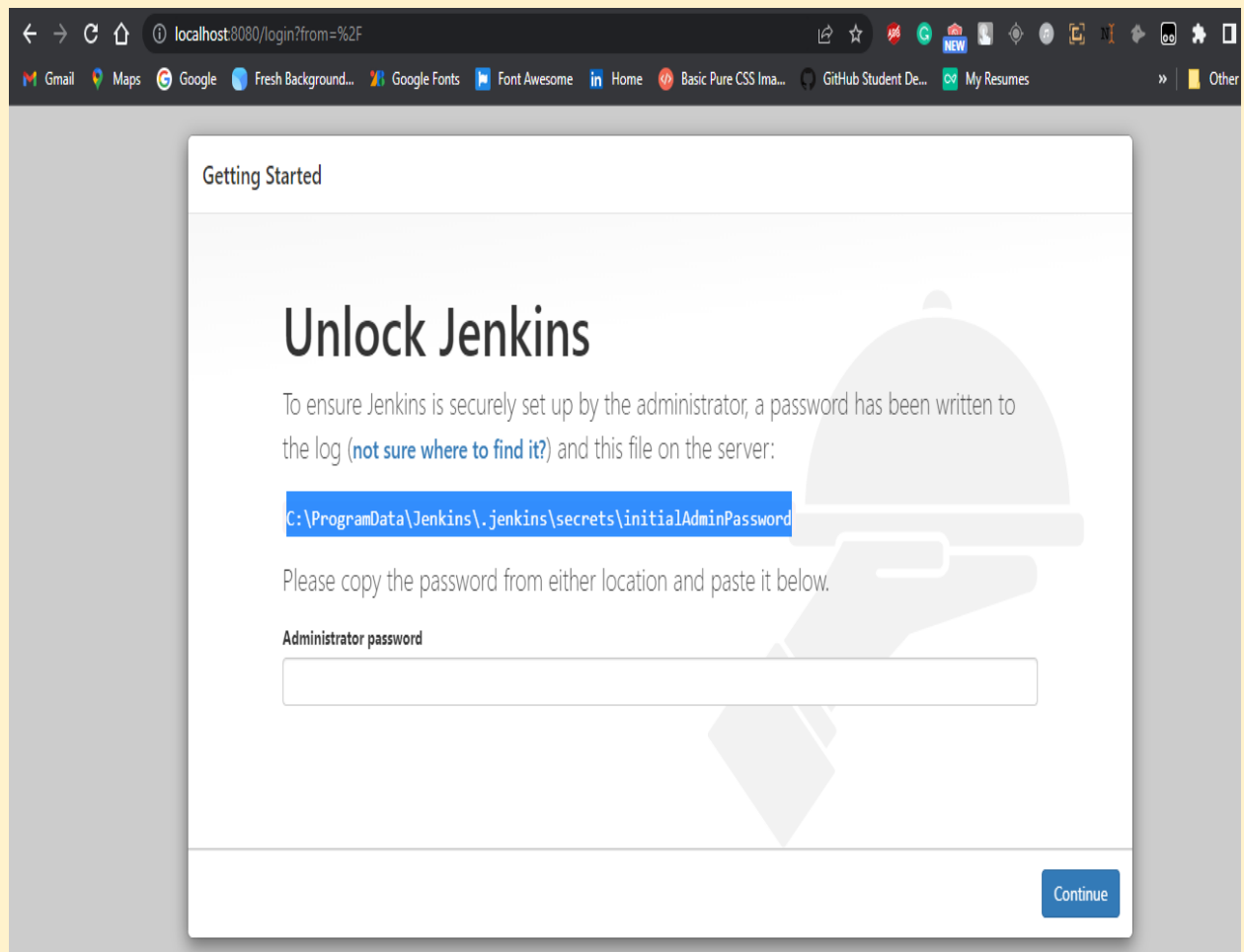
Create a spring project:



## Final Output



## Jenkins



The screenshot shows a web browser window with the address bar displaying `localhost:8080/login?from=%2F`. The browser's tab bar includes links to Gmail, Maps, Google, Fresh Background..., Google Fonts, Font Awesome, Home, Basic Pure CSS Ima..., GitHub Student De..., My Resumes, and Other. The main content area is titled 'Getting Started' and features a large heading 'Unlock Jenkins'. Below the heading, a paragraph explains that a password has been written to the log (with a link to 'not sure where to find it?') and this file on the server: `C:\ProgramData\Jenkins\.jenkins\secrets\initialAdminPassword`. A subsequent instruction asks the user to copy the password from either location and paste it below. A text input field is provided for the 'Administrator password'. A 'Continue' button is located at the bottom right of the form area. A faint background image of a hand holding a dome-shaped object is visible behind the text.

Getting Started

# Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log ([not sure where to find it?](#)) and this file on the server:

```
C:\ProgramData\Jenkins\.jenkins\secrets\initialAdminPassword
```

Please copy the password from either location and paste it below.

Administrator password

Continue

## Jenkins Console

```
Command Prompt
C:\Program Files\Jenkins>.\Java\jdk-11.0.15\bin\java -jar jenkins.war --httpPort=8080
Running from: C:\Program Files\Jenkins\Jenkins.war
webroot: $user.home/.jenkins
2022-05-01 06:02:40.068+0000 [id=1] INFO org.eclipse.jetty.util.log.Log#initialized: Logging initialized @1513ms to org.eclipse.jetty.util.log.JavaUtilLog
2022-05-01 06:02:40.278+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
2022-05-01 06:02:44.934+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
2022-05-01 06:02:45.106+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-9.4.43.v20210629; built: 2021-06-30T11:07:22.254Z; git: 526006ecfa3af7f1a27ef3a288e2bef7ea9dd7e8; jvm 11.0.15+8-LTS-149
2022-05-01 06:02:47.086+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.jsp.JettyJspServlet
2022-05-01 06:02:47.227+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: DefaultSessionIdManager workerName=node0
2022-05-01 06:02:47.227+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: No SessionScavenger set, using defaults
2022-05-01 06:02:47.233+0000 [id=1] INFO o.e.j.server.session.HouseKeeper#startScavenging: node0 Scavenging every 600000ms
2022-05-01 06:02:49.851+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: C:\Users\hi\.jenkins found at: $user.home/.jenkins
2022-05-01 06:02:50.373+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@2b9f74d0[Jenkins v2.332.2,/,file:///C:/Users/hi/.jenkins/war/,AVAILABLE]{C:\Users\hi\.jenkins\war}
2022-05-01 06:02:50.411+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStop: Stopped ServerConnector@7756c3cd{HTTP/1.1, (http/1.1)}{0.0.0.0:8080}
2022-05-01 06:02:50.433+0000 [id=1] INFO o.e.j.server.session.HouseKeeper#stopScavenging: node0 Stopped scavenging
2022-05-01 06:02:50.454+0000 [id=1] INFO hudson.WebAppMain#contextDestroyed: Shutting down a Jenkins instance that was still starting up
java.lang.Throwable: reason
    at hudson.WebAppMain.contextDestroyed(WebAppMain.java:386)
    at org.eclipse.jetty.server.handler.ContextHandler.callContextDestroyed(ContextHandler.java:1074)
    at org.eclipse.jetty.servlet.ServletContextHandler.callContextDestroyed(ServletContextHandler.java:584)
    at org.eclipse.jetty.server.handler.ContextHandler.contextDestroyed(ContextHandler.java:1037)
    at org.eclipse.jetty.servlet.ServletHandler.doStop(ServletHandler.java:319)
    at org.eclipse.jetty.util.component.AbstractLifecycle.stop(AbstractLifecycle.java:94)
    at org.eclipse.jetty.util.component.ContainerLifecycle.stop(ContainerLifecycle.java:180)
    at org.eclipse.jetty.util.component.ContainerLifecycle.doStop(ContainerLifecycle.java:201)
    at org.eclipse.jetty.server.handler.AbstractHandler.doStop(AbstractHandler.java:108)
    at org.eclipse.jetty.security.SecurityHandler.doStop(SecurityHandler.java:437)
    at org.eclipse.jetty.security.ConstraintSecurityHandler.doStop(ConstraintSecurityHandler.java:423)
    at org.eclipse.jetty.util.component.AbstractLifecycle.stop(AbstractLifecycle.java:94)
    at org.eclipse.jetty.util.component.ContainerLifecycle.stop(ContainerLifecycle.java:180)
    at org.eclipse.jetty.util.component.ContainerLifecycle.doStop(ContainerLifecycle.java:201)
    at org.eclipse.jetty.server.handler.AbstractHandler.doStop(AbstractHandler.java:108)
    at org.eclipse.jetty.session.SessionHandler.doStop(SessionHandler.java:520)
    at org.eclipse.jetty.util.component.AbstractLifecycle.stop(AbstractLifecycle.java:94)
    at org.eclipse.jetty.util.component.ContainerLifecycle.stop(ContainerLifecycle.java:180)
    at org.eclipse.jetty.util.component.ContainerLifecycle.doStop(ContainerLifecycle.java:201)
    at org.eclipse.jetty.server.handler.AbstractHandler.doStop(AbstractHandler.java:108)
    at org.eclipse.jetty.server.handler.ContextHandler.stopContext(ContextHandler.java:1060)
    at org.eclipse.jetty.servlet.ServletContextHandler.stopContext(ServletContextHandler.java:386)
    at org.eclipse.jetty.webapp.WebAppContext.stopWebapp(WebAppContext.java:1454)
    at org.eclipse.jetty.webapp.WebAppContext.stopContext(WebAppContext.java:1420)
    at org.eclipse.jetty.server.handler.ContextHandler.doStop(ContextHandler.java:1114)
    at org.eclipse.jetty.servlet.ServletContextHandler.doStop(ServletContextHandler.java:297)
```

```
Dashboard › Deployment Spring Jenkins ci-cd › #22
```

```
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Using 'UTF-8' encoding to copy filtered properties files.
[INFO] skip non existing resourceDirectory C:\Users\hi\.jenkins\workspace\Spring Jenkins ci-cd\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ Auth ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 1 source file to C:\Users\hi\.jenkins\workspace\Spring Jenkins ci-cd\target\test-classes
[INFO]
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ Auth ---
[INFO] Skipping execution of surefire because it has already been run for this configuration
[INFO]
[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ Auth ---
[INFO] Building jar: C:\Users\hi\.jenkins\workspace\Spring Jenkins ci-cd\target\Auth-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- spring-boot-maven-plugin:2.5.4:repackage (repackage) @ Auth ---
[INFO] Replacing main artifact with repackaged archive
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ Auth ---
[INFO] Installing C:\Users\hi\.jenkins\workspace\Spring Jenkins ci-cd\target\Auth-0.0.1-SNAPSHOT.jar to C:\Users\hi\.m2\repository\com\ci\cd-dep\Auth\0.0.1-SNAPSHOT\Auth-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\Users\hi\.jenkins\workspace\Spring Jenkins ci-cd\pom.xml to C:\Users\hi\.m2\repository\com\ci\cd-dep\Auth\0.0.1-SNAPSHOT\Auth-0.0.1-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 39.186 s
[INFO] Finished at: 2022-05-02T18:30:19+05:30
[INFO] -----
Triggering a new build of Testing Spring Jenkins
Finished: SUCCESS
```

THESEY INDEX TYPE OF RECORDS TO YOUR DISTRICT MEMBERSHIP LIST