

Output Screenshots:

JUnit tests:

The screenshot displays the JUnit test results for a Spring Boot application. The test suite 'PageTest' passed all 16 tests with a total time of 10.707 seconds. The tests include assertions for user creation, password validation, email validation, and login functionality. Below the test results, the application logs show the shutdown sequence, including the closure of the Hikari data source and the application context.

```
Finished after 10.707 seconds
Run: 16/16 Errors: 0 Failures: 0

PageTest (Runner: JUnit 5) (0.000 s)
  getAndSetName() (0.000 s)
  getAndSetPassword() (0.000 s)
  checkToString() (0.000 s)
  checkConstructor() (0.000 s)
  testDefaultConstructor() (0.000 s)
  getAndSetEmail() (0.000 s)
  setEmailNotNull() (0.004 s)
  retrieveFromName() (0.001 s)
  passNotNull() (0.009 s)
  NameNotNull() (0.012 s)
  AuthApiTest (Runner: JUnit 5) (0.044 s)
  checkAllUsers() (0.002 s)
  contentLoad() (0.005 s)
  testServiceCall() (0.015 s)
  WebTest (Runner: JUnit 5) (0.270 s)
  checkLoginPage() (0.212 s)
  checkLoginPage() (0.023 s)
  shouldReturnDefaultMessage() (0.030 s)

Console X:
Terminated: Authentication [Auth] Error: 418.1 REL[Auth] plugin/org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86_64.17.0.7-20230425-1502\jre\bin\java.exe (17-Jun-2023, 1:08:50 am - 1:09:03 am) [pid: 20600]

<input type="text" id="name" name="name" placeholder="Name" required>
<input type="text" id="email" name="email" placeholder="Email" required>
<input type="text" id="password" name="password" placeholder="Password" required>
<input type="submit" value="Enter" />
</form> </div>
</body>
</html>
Forwarded URL = null
Redirected URL = null
Cookies = []
2023-06-17 01:09:02.939 INFO 20600 --- [extShutdownHook] o.s.w.c.s.GenericWebApplicationContext : Closing org.springframework.web.context.support.GenericWebApplic
2023-06-17 01:09:02.942 INFO 20600 --- [extShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'
2023-06-17 01:09:02.943 INFO 20600 --- [extShutdownHook] o.s.s.concurrent.ThreadPoolTaskExecutor : Shutting down ExecutorService 'applicationTaskExecutor'
2023-06-17 01:09:02.944 INFO 20600 --- [extShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'
2023-06-17 01:09:02.947 INFO 20600 --- [extShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown initiated...
2023-06-17 01:09:02.979 INFO 20600 --- [extShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown completed.
2023-06-17 01:09:03.007 INFO 20600 --- [extShutdownHook] o.s.s.concurrent.ThreadPoolTaskExecutor : Shutting down ExecutorService 'applicationTaskExecutor'
2023-06-17 01:09:03.009 INFO 20600 --- [extShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'
2023-06-17 01:09:03.010 INFO 20600 --- [extShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-2 - Shutdown initiated...
2023-06-17 01:09:03.032 INFO 20600 --- [extShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-2 - Shutdown completed.
```

User Login Page

Enter User Details:

Ram

jaShreeRam456@gmail.com

Enter

