

**Automation Test Execution**

**Screenshots Report**

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## 1. Feature: REGISTER

Test case ID: TC\_RF\_001

Test Case Name: Registering an account by providing only mandatory fields

The screenshot shows the Eclipse IDE interface with the following details:

- Project Structure:** The project is named "LiveAutomationProject". It contains a "src/main/java" folder with "temp", "DemoEmail.java", "GenerateEmailDemo.java", and "tutorialsninja.register" packages. The "tutorialsninja.register" package contains the file "TC\_RF\_001.java".
- Code Editor:** The "TC\_RF\_001.java" file is open, showing Java code for a TestNG test. The code includes a utility method "generateNewEmail" that generates a unique email address based on the current date.
- Console Output:** The bottom pane shows the execution results of the test:
  - The test was terminated successfully.
  - The email used for the test was "SunJan25052707EST2026@gmail.com".
  - The test passed, indicated by the message "PASSED: tutorialsninja.register.TC\_RF\_001.verifyRegisteringWithMandatoryFields".
  - Test statistics:
    - Default test: 1 test run, 0 failures, 0 skips.
    - Default suite: 1 total test run, 1 pass, 0 failures, 0 skips.
- System Status:** The taskbar at the bottom shows various application icons and system status indicators like battery level and network connection.

## 1. Feature: REGISTER

Test case ID: TC\_RF\_002

Test Case Name: Verify different ways of navigating to Register Account page

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure for "LiveAutomationProject". The "src/test/java/tutorialsninja/register" package contains files "TC\_RF\_001.java" and "TC\_RF\_002.java".
- Code Editor:** The file "TC\_RF\_002.java" is open, displaying Java code using Selenium WebDriver to navigate to a register account page. The code includes three different navigation paths and assertions for the "Register" button.
- Console:** Shows the output of the test run:

```
<terminated> TC_RF_002.verifyNavigatingToRegisterAccountUsingMultipleWay [TestNG] C:\Software\eclipse-jee-2024-12-R-win32-x86_64\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_21.0.5.v20241023-1957j
=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```
- Bottom Status Bar:** Displays the current date and time: 4:12 AM, 2026-01-26.

## 2. Feature: LOGIN

**Test case ID: TC\_LOG\_01**

## **Test Case Name:** Login with valid credentials

The screenshot shows the Eclipse IDE interface with the following details:

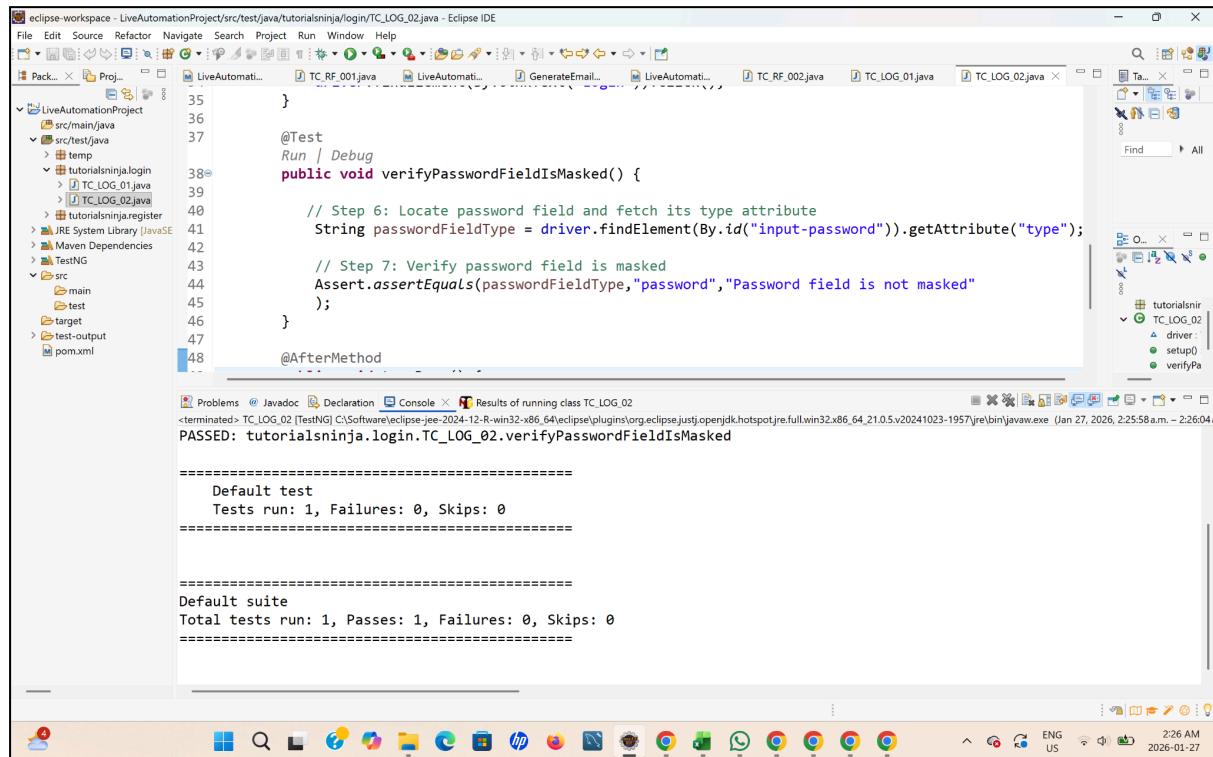
- Project Explorer (left):** Shows the project structure with packages like LiveAutomationProject, src/main/java, and src/test/java containing files such as TC\_LOG\_01.java.
- Code Editor (center):** Displays the Java code for the `TC_LOG_01.java` test class. The code implements a series of steps to log in with valid credentials, including entering email and password, clicking the login button, and verifying the account page.
- Console (right):** Shows the execution results of the test case. It includes the command run, the path to the testNG XML file, and the output of the test execution. The output indicates 1 test run, 0 failures, and 0 skips, with a total of 1 pass.

```
File Edit Source Refactor Navigate Project Run Window Help
LiveAutomationProject/po... TC_RF_001.java LiveAutomationProject/pc Problems Javadoc Declaration Console Results of running class TC_LOG_01
37 @Test
Run | Debug
38 public void verifyLoginWithValidCredentials() {
39
40     // Step 6: Enter REGISTERED email address
41     driver.findElement(By.id("input-email"))
42         .sendKeys("sanamkaur354@gmail.com");
43
44     // Step 7: Enter correct password
45     driver.findElement(By.id("input-password"))
46         .sendKeys("Sanam@12345");
47
48     // Step 8: Click on Login button
49     driver.findElement(By.xpath("//input"))
50
51     // Step 9: Verify My Account page is displayed
52     Assert.assertTrue(
53         driver.findElement(By.xpath("//h2[text()='My Account']")).isDisplayed(),
54         "Login failed - My Account page not displayed"
55     );
56 }
57
58 @AfterMethod
59 public void tearDown() {
60
61     // Step 10: Close browser
62     if (driver != null) {
63         driver.quit();
64     }
65 }
66 }
67
<terminated> TC_LOG_01 [TestNG] C:\Software\java\jee-2024-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justmyjava.hotspot.jre\bin\java -jar C:\Software\java\jee-2024-12-R-win32-x86_64\eclipse\plugins\org.testng\lib\testng-7.9.5.jar -DsuiteXmlFile=TC_RF_001.xml
PASSED: tutorialsninja.login.TC_LOG_01.verifyLoginWithValidCredentials
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

## 2. Feature: LOGIN

Test case ID: TC\_LOG\_02

Test Case Name: Verify Password Field is Masked



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure under "LiveAutomationProject". The "src/test/java" folder contains files: TC\_RF\_001.java, LiveAutomati..., GenerateEmail..., LiveAutomati..., TC\_RF\_002.java, TC\_LOG\_01.java, and TC\_LOG\_02.java.
- Code Editor:** Displays the Java code for the test case. The code includes imports for JUnit, TestNG, and Selenium WebDriver. It defines a test method `verifyPasswordFieldIsMasked` that locates the password field by ID, retrieves its type attribute, and asserts that it is a "password" type. The code also includes annotations for @Test, @Run, and @AfterMethod.
- Console:** Shows the output of the test execution. It starts with the command "java -jar C:\Software\eclipse-jee-2024-12-R-win32-x86\_64\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.5.v20241023-1957\jre\bin\javaw.exe". The log indicates a successful run: "PASSED: tutorialsninja.login.TC\_LOG\_02.verifyPasswordFieldIsMasked". It then displays the results of the test: "Default test" with 1 test run, 0 failures, and 0 skips; and "Default suite" with 1 total test run, 1 pass, 0 failures, and 0 skips.
- Bottom Bar:** Shows the Windows taskbar with various application icons like File Explorer, Edge, and Google Chrome.

### **3. Feature: LOGOUT**

**Test case ID: TC\_LO\_01**

**Test Case Name:** Verify logging out and logging in immediately after logout

eclipse-workspace - LiveAutomationProject/src/test/java/tutorialsninja/logout/TC\_LO\_01.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Pac... Proj... LiveAutomati... TC\_RF\_001.java LiveAutomati... GenerateEmail Problems Javadoc Declaration Console Results of running method TC\_LO\_01.verifyLogoutAndLoginAgain

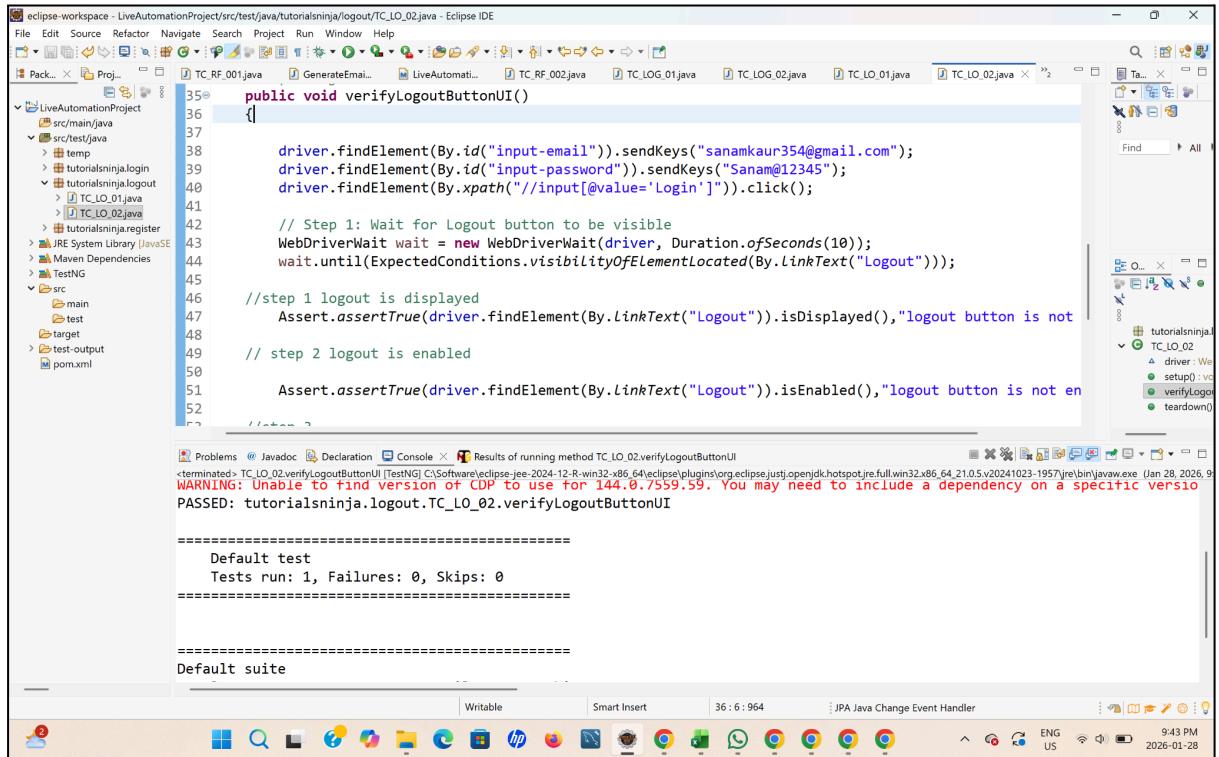
LiveAutomationProject  
  src/main/java  
  src/test/java  
    temp  
    tutorialsninja.login  
    tutorialsninja.logout  
      TC\_LO\_01.java  
    tutorialsninja.register  
  Maven Dependencies  
  TestNG  
src  
  main  
  test  
target  
test-output  
pom.xml

```
16
17  @BeforeMethod
18
19  public void setup() {
20
21      driver = new ChromeDriver(); // launch browser
22      driver.manage().window().maximize();
23      driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
24      driver.get("https://tutorialsninja.net");
25      driver.findElement(By.xpath("//span[contains(text(), 'Logout')]"));
26      driver.findElement(By.xpath("//a[text()='Logout']"));
27  }
28
29
30
31  @Test
32  Run | Debug
33  public void verifyLogoutAndLoginAgain() {
34
35      // Login
36      driver.findElement(By.id("input-email")).sendKeys("sanamkaur354@gmail.com");
37      driver.findElement(By.id("input-password")).sendKeys("Sanam@12345");
38      driver.findElement(By.xpath("//input[@value='Login']")).click();
39
40      // Verify login success
41      Assert.assertTrue(
42          driver.findElement(By.linkText("My Account")).isDisplayed(),
43          "Login failed"
44      );
45
46      // Logout
47      driver.findElement(By.linkText("Logout")).click();
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### 3. Feature: LOGOUT

Test case ID: TC\_LO\_02

**Test Case Name:** Verify Logout Button Visibility, Enablement, and UI Attributes After Login



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the "LiveAutomationProject" structure, including "src/main/java", "src/test/java", and "src".
- Code Editor:** Displays the Java code for the "TC\_LO\_02" test case. The code uses Selenium WebDriver to interact with a web application, specifically targeting the login and logout buttons.
- Output View:** Shows the terminal output of the test execution. It includes:
  - A warning message about CDP version: "WARNING: Unable to find version of CDP to use for 144.0.7559.59. You may need to include a dependency on a specific version".
  - The test result: "PASSED: tutorialsninja.logout.TC\_LO\_02.verifyLogoutButtonUI"
  - Test statistics: "Default test", "Tests run: 1, Failures: 0, Skips: 0"
  - The suite name: "Default suite"
- Bottom Bar:** Shows the Windows taskbar with various application icons and system status.

## 4. Feature: SEARCH

### Test case ID: TC\_SEARCH\_01

**Test Case Name:** Verify list and grid view when multiple products are displayed in the search result

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure under "LiveAutomationProject". The file "TC\_SEARCH\_01.java" is selected.
- Code Editor:** Displays the Java code for the test case:

```
38     driver.findElement(By.id("list-view")).click();
39     Assert.assertTrue(driver.findElement(By.cssSelector(".product-layout")).isDisplayed(),"Products are
40     displayed in list view");
41
42     driver.findElement(By.id("grid-view")).click();
43     Assert.assertTrue(driver.findElement(By.cssSelector(".product-layout")).isDisplayed(),"Products are
44     displayed in grid view");
45 }
46 @AfterMethod
47
48 public void teardown() {
49     if(driver!=null)
50     {
51         driver.quit();
52     }
53 }
```
- Console View:** Shows the execution results:

```
<terminated> TC_SEARCH_01.verifyListAndGridViewForSearchResult [TestNG] C:\Software\java\plugins\org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86_64\bin\java
PASSED: tutorialsninja.Search.TC_SEARCH_01.verifyListAndGridViewForSearchResult

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```
- Bottom Status Bar:** Shows the date and time (4:25 AM, 2026-01-30), system status (ENG US), and various icons.

## 5. Feature: PRODUCT COMPARE

Test case ID: TC\_PC\_01

**Test Case Name:** Verify adding the product for the comparison from the product display page

The screenshot shows the Eclipse IDE interface with the following details:

- Project Structure:** The project is named "LiveAutomationProject". It contains a "src/main/java" folder with files like "TC\_RF\_001.java", "TC\_RF\_002.java", "TC SEARCH.01.java", and "TC PC.01.java". It also contains a "src/test/java" folder with files like "temp.java", "tutorialsninja.login.java", "tutorialsninja.logout.java", "tutorialsninja.productCompare.java", "tutorialsninja.register.java", and "tutorialsninja.Search.java".
- Code Editor:** The code editor displays the Java code for "TC PC.01.java". The code includes assertions for success messages and teardown logic.
- Console Output:** The console shows the execution results of the test method "TC\_PC\_01.verifyAddProductToCompareFromProductDisplayPage". The output indicates 1 test run, 0 failures, and 0 skips. The total test count is 1, with 1 pass and 0 failures.
- Bottom Status Bar:** The status bar shows the date and time as "2026-01-31 207 AM".