

# Project Closure Report

Project Name : Automation with Selenium Java

Batch Name : JATWD19

Project Focus: Automate Web Application End to End

Product: Best-Buy E-Commerce website.

Reported By: Gowthami Dharmalingam

Category	Label	Value
Defect	ID Number	DEF_001
	Name	Home Page: Search Box gives results for all special characters.
	Reporter	Gowthami Dharmalingam
	Submit Date	18/08/2024
Defect Overview	Summary	While automating Best –Buy web application, the search box gives results for all special characters.
	URL	<a href="https://www.bestbuy.com/">https://www.bestbuy.com/</a>
	Screenshot	Attached below
Environment	Operating System	Windows
	Browser	Chrome
Defect Details	Steps to reproduce	1. Launch the browser and load the url <a href="https://www.bestbuy.com/">https://www.bestbuy.com/</a> 2. Type in search box “*#@%” 3. Click on "search button"
	Expected result	Application should display valid message “Please try search something relevant”
	Actual result	Application accepted and gave some random search result for with characters involving “*#@%”
	Description	When the search for “*#@%”, the application gave some random search result , with characters involving “*#@%”
Defect Tracking	Severity	low
	Assigned To	
	Priority	High

Results for "Cat Quest III"

Get it fast

Store Pickup at North Anchorage (Tikahtnu Commons) and nearby stores

Ready in 1 hour - Fri, Aug 9

Category: All Video Games, Physical Video Games, Digital Gaming, Game Downloads, In-Game Currency

Cat Quest III - Nintendo Switch

Publisher: Maximum Games SKU: 6584248 Release Date: 08/05/2024 ESRB Rating: E0+ (Everyone 10+)

\$29.99 Add to Cart

Pick up on Aug 20 at North Anchorage... Shipping unavailable 966939 Compare Save

## Following all support documents:

Testing Execution: Suite3

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite">
<parameter name="browser" value="chrome"/>
<listeners>
    <listener class-name="ecommerceutils.ListenerEcommerce"/>
</listeners>
<test thread-count="1" name="Test">
<classes>
    <class name="ecommerce.test.TC_008AddItemByDept"/>
    <class name="ecommerce.test.TC_009AddItemByBrand"/>
    <class name="ecommerce.test.TC_011CheckOutCardDetails"/>
    <class name="ecommerce.test.TC_013AdditionalTask2"/>
    <class name="ecommerce.test.TC_012AdditionalTask1"/>
</classes>
</test> <!-- Test -->
</suite> <!-- Suite -->
```

Passed: 11 Failed: 0 Skipped: 0

All Tests Failed Tests Summary

- Suite (11/0/0) (368.345 s)
  - Test (368.345 s)
    - ecommerce.test.TC\_008AddItemByDept
      - tc\_008AddItemByDeptMenu (57.448 s)
    - ecommerce.test.TC\_009AddItemByBrand
      - tc\_009AddItemShopByBrandMenu (54.542 s)

Maven Execution : Suite 3

```
<?xml version="1.0" encoding="UTF-8"?>
<project>
    <build>
        <plugins>
            <plugin>
                <artifactId>maven-compiler-plugin</artifactId>
                <version>3.6.1</version>
                <configuration>
                    <source>1.8</source>
                    <target>1.8</target>
                </configuration>
            </plugin>
            <plugin>
                <groupId>org.apache.maven.plugins</groupId>
                <artifactId>maven-surefire-plugin</artifactId>
                <version>3.2.5</version>
                <configuration>
                    <suiteXmlFiles></suiteXmlFiles>
                </configuration>
            </plugin>
        </plugins>
    </build>
</project>
```

WARNING: Unable to find an exact match for CDP version 127, returning the closest version; found: 125; P

List of links in Current Page Terms and Conditions  
List of links in Current Page Privacy  
List of links in Current Page Interest-Based Ads  
No.of BrokenLinks In the Current Page is 0  
BestBuy Automation has completed Successfully

[INFO] Tests run: 11, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 368.9 s -- in TestSuite

[INFO] Results:

[INFO] Tests run: 11, Failures: 0, Errors: 0, Skipped: 0

[INFO] BUILD SUCCESS

[INFO] Total time: 06:13 min

[INFO] Finished at: 2024-08-14T17:05:59+04:00

## Testing Execution: Suite1

```

<xml version="1.0" encoding="UTF-8">
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<@suite name="Suite1">
<@parameter name="browser" value="chrome"/>
<@listeners>
<@listener class-name="ecommerceutils.ListenerCommerce"/>
</@listeners>
<@test thread-count="1" name="Test1">
<@classes>
<@class name="ecommercetest.TC_004CreateAccount"/>
<@class name="ecommercetest.TC_002ValidateBrokenURL"/>
<@class name="ecommercetest.TC_001NavigatetoURL"/>
<@class name="ecommercetest.TC_006ValidateBottomLinks"/>
</@classes>
</@test> <!-- Test1 -->
</@suite> <!-- Suite1 -->

```

Search: | Passed: 19 Failed: 0 Skipped: 0 Tests: 1/1 Methods: 19 (383101 ms)

All Tests Failed Tests Summary Failure Exception

Suite1 (19/0/0) (317.116 s)

Test1 (317.116 s)

- ecommerceTest.TC\_004
  - tc\_004.validateCreate
    - "user1980","user"
    - "use0","B"
    - "","user0","Best\_
    - "user0","","Best\_
    - "user0","user0,"
    - "user0","user0,"
    - "","user0","Best\_"

BestBuy Automation has completed Successfully

=====

Suite1 Total tests run: 19, Passes: 19, Failures: 0, Skips: 0

## Maven Execution : Suite 1

```

<configuration>
    <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-surefire-plugin</artifactId>
        <version>3.2.5</version>
        <configuration>
            <suiteXmlFiles>
                <suiteXmlFile>testng1.xml</suiteXmlFile>
                <! - suiteXmlFile>testng2.xml</suiteXmlFile>
                <suiteXmlFile>testng3.xml</suiteXmlFile-->
            </suiteXmlFiles>
        </configuration>
    </plugin>
</configuration>

```

Overview Dependencies Dependency Hierarchy Effective POM pom.xml

Console

```

<terminated> C:\Users\Lishanth\p2\pool\plugins\org.eclipse.jdt.openjdk.hotspot.jre.full.win32.x86_64_17.0.11.v20240426-1830\jre\bin\javaw.exe (14 A
WARNING: Unable to find an exact match for CDP version 127, returning the closest version; found: 125; Please update to a Selenium version that supports CDP version 127
Aug 14, 2024 9:20:57 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 127, returning the closest version; found: 125; Please update to a Selenium version that supports CDP version 127
Aug 14, 2024 9:21:19 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 127, returning the closest version; found: 125; Please update to a Selenium version that supports CDP version 127
BestBuy Automation has completed Successfully
[INFO] Tests run: 19, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 590.8 s -- in TestSuite
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 19, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 09:58 min
[INFO] Finished at: 2024-08-14T21:21:44+04:00
[INFO] -----

```

## Testing Execution: Suite2

testng2.xml (Source)

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite2">
    <parameter name="browser" value="edge"/>
    <listeners>
        <listener class-name="ecommerceutils.ListenerEcommerce"/>
    </listeners>
    <test thread-count="1" name="Test2">
        <classes>
            <class name="ecommerce.test.TC_010CheckoutPage"/>
            <class name="ecommerce.test.TC_005ValidateMenu"/>
            <class name="ecommerce.test.TC_007SearchAddItemInCart"/>
            <class name="ecommerce.test.TC_003SignIn"/>
        </classes>
    </test> <!-- Test2 -->
</suite> <!-- Suite2 -->
```

Console (terminated)

```
WARNING: Unable to find an exact match for CDP version 127, returning the closest ve
Aug 15, 2024 2:19:22 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMat
WARNING: Unable to find an exact match for CDP version 127, returning the closest ve
Aug 15, 2024 2:19:41 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMat
WARNING: Unable to find an exact match for CDP version 127, returning the closest ve
Aug 15, 2024 2:19:57 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMat
WARNING: Unable to find an exact match for CDP version 127, returning the closest ve
BestBuy Automation has completed Successfully
=====
Suite2
Total tests run: 16, Passes: 16, Failures: 0, Skips: 0
=====
```

Breakpoints Expressions Git Repositories Results of running suite

Passed: 16 Failed: 0 Skipped: 0

All Tests Failed Tests Summary

Suite2 (16/0/0) (289.02 s)

Test2 (289.02 s)

ecommerce.test.TC\_010CheckoutPage (60.476 s)

tc\_010CheckoutPageFilling ("Best\_Buy24@gmail.com", "9837426748", "Request failed because of network issues") (17.466 s)

ecommerce.test.TC\_005ValidateMenu (17.466 s)

Failure Exception

## Maven Execution : Suite 2

testng1.xml testng2.xml ecommercepr... (pom.xml)

```
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-surefire-plugin</artifactId>
<version>3.2.5</version>
<configuration>
    <suiteXmlFiles>
        <!--suiteXmlFile>testng1.xml</suiteXmlFile-->
        <suiteXmlFile>testng2.xml</suiteXmlFile>
        <!--suiteXmlFile>testng3.xml</suiteXmlFile-->
    </suiteXmlFiles>
</configuration>
</plugin>
</plugins>
</pluginManagement>
</build>
```

Console (terminated)

```
WARNING: Unable to find an exact match for CDP version 127, returning the closest cl
BestBuy Automation has completed Successfully
[INFO] Tests run: 16, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 435.
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 16, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 07:20 min
[INFO] Finished at: 2024-08-14T18:16:06+04:00
[INFO] -----
```

Breakpoints Expressions Git Repositories Results

Passed: 0 Failed: 0 Skipped: 0

All Tests Failed Tests Summary

Failure Exception

## Maven Execution : Suite 2 & 3

The screenshot shows an IDE interface with several tabs and panes. The tabs at the top include 'Homepage.java', 'ecommercepr...', 'ExtentReport...', and 'pom.xml'. The 'pom.xml' tab is currently selected. Below the tabs, there is a code editor with Java and XML code. The XML code is a Maven configuration snippet for running multiple testng suites. The main pane below the tabs displays the 'Console' output. The console output shows the execution of a Maven build, specifically for suite 2 and 3. It includes several 'WARNING' messages from Selenium DevTools about finding an exact match for CDP version 127. The output also shows the successful completion of the tests, with 30 tests run, 0 failures, 0 errors, and 0 skipped. The build is labeled as a 'BUILD SUCCESS'. At the bottom of the console output, it shows the total time taken and the finished date and time.

```
//
```

```
</plugin>
```

```
78<plugin>
```

```
79    <groupId>org.apache.maven.plugins</groupId>
```

```
80    <artifactId>maven-surefire-plugin</artifactId>
```

```
81    <version>3.2.5</version>
```

```
82    <configuration>
```

```
83        <suiteXmlFiles>
```

```
84            <!!--suiteXmlFile>testng2.xml</suiteXmlFile-->
```

```
85            <suiteXmlFile>testng1.xml</suiteXmlFile>
```

```
86            <suiteXmlFile>testng3.xml</suiteXmlFile>
```

```
87        </suiteXmlFiles>
```

```
88    </configuration>
```

```
89</plugin>
```

```
--
```

Overview Dependencies Dependency Hierarchy Effective POM pom.xml

Console X

```
<terminated> C:\Users\Lishanth\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_1
Aug 18, 2024 8:49:58 AM org.openqa.selenium.devtools.CdpVersionFinder findNea
WARNING: Unable to find an exact match for CDP version 127, returning the clo
Aug 18, 2024 8:49:57 AM org.openqa.selenium.devtools.CdpVersionFinder findNea
WARNING: Unable to find an exact match for CDP version 127, returning the clo
Aug 18, 2024 8:50:16 AM org.openqa.selenium.devtools.CdpVersionFinder findNea
WARNING: Unable to find an exact match for CDP version 127, returning the clo
BestBuy Automation has completed Successfully
[INFO] Tests run: 30, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 764.9
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 30, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 12:49 min
[INFO] Finished at: 2024-08-18T08:50:38+04:00
[INFO] -----
```

## Jenkins configuration:

The screenshot shows the Jenkins General configuration page for a project named "Best-Buy E-Commerce". The project description states: "Best-Buy E-Commerce Project Focus : Automate Best-Buy Web Application End to End. Project Schedule : Project will Integrate with an interval of 24 hrs." Build options include "Discard old builds", "GitHub project", "This project is parameterized", and "Throttle builds". The "Enabled" switch is turned on.

**General**

Description

Best-Buy E-Commerce  
Project Focus : Automate Best-Buy Web Application End to End.  
Project Schedule : Project will Integrate with an interval of 24 hrs.

Plain text [Preview](#)

Discard old builds [?](#)

GitHub project

This project is parameterized [?](#)

Throttle builds [?](#)

**Source Code Management**

None

Git [?](#)

Repositories [?](#)

Repository URL [?](#)  
https://github.com/Gowthamidharma/BestBuy-CapstoneProject.git

Credentials [?](#)  
- none -

+ Add [▼](#)

Advanced [▼](#)

**Save** **Apply**

Best-Buy E-Commerce Automation > Configuration

## Build Triggers

Code Management

Triggers

Environment

Periodic

Schedule ?

30 12 \* \* \*

**⚠ Spread load evenly by using 'H 12 \* \* \*' rather than '30 12 \* \* \*'**

Would last have run at Saturday, 17 August 2024 at 12:30:41 Gulf Standard Time; would next run at Sunday, 18 August 2024 at 12:30:41

Best-Buy E-Commerce Automation > Configuration

## Build

General

Source Code Management

Build Triggers

Build Environment

Pre Steps

Build

Advanced ▾

Post Steps

Post-build Actions

Run only if build succeeds

Best-Buy E-Commerce Automation > Configuration

## Source Code Management

Code Management

Git

Repositories

Repository URL ?

https://github.com/Gowthamidharma/Best-Buy-Capstone-Project.git

Credentials ?

- none -

+ Add ▾

Advanced ▾

Best-Buy E-Commerce Automation > Configuration

Add pre-build step ▾

Build

Code Management

Triggers

Environment

Logs

Advanced ▾

Build Actions Post Steps

Best-Buy E-Commerce Automation > Configuration

Add post-build step ▾

Build Settings

Code Management

Triggers

Environment

Logs

Advanced ▾

Build Actions Post-build Actions

E-mail Notification

Recipients

gowthamidharma@gmail.com

Send e-mail for every unstable build

Send separate e-mails to individuals who broke the build

Send e-mail for each failed module ?

Best-Buy E-Commerce Automation > Configuration

Best-Buy E-Commerce Automation > #3 > Console Output

```
Please refer to C:\Users\Lishanth\jenkins\workspace\Best-Buy E-Commerce Automation\target\surefire-reports for the
individual test results.
Please refer to dump files (if any exist) [date].dump, [date]-jvmRun[N].dump and [date].dumpstream.
[JENKINS] Recording test results
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 28:12 min
[INFO] Finished at: 2024-08-18T16:58:33+04:00
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\Users\Lishanth\jenkins\workspace\Best-Buy E-Commerce Automation\pom.xml to
org.guvii/ecommerceproj/0.0.1-SNAPSHOT/ecommerceproj-0.0.1-SNAPSHOT.pom
Sending e-mails to: gowthamidharma@gmail.com
ERROR: Couldn't connect to host, port: localhost, 25; timeout 60000
org.eclipse.angus.util.MailConnectException: Couldn't connect to host, port: localhost, 25; timeout 60000;
nested exception is:
    java.net.ConnectException: Connection refused: connect
        at org.eclipse.angus.mail.smtp.SMTPTransport.openServer(SMTPTransport.java:2243)
        at org.eclipse.angus.mail.smtp.SMTPTransport.protocolConnect(SMTPTransport.java:729)
        at jakarta.mail.Service.connect(Service.java:345)
        at jakarta.mail.Service.connect(Service.java:225)
        at jakarta.mail.Service.connect(Service.java:174)
        at jakarta.mail.Transport.send0(Transport.java:232)
        at jakarta.mail.Transport.send(Transport.java:102)
        at hudson.tasks.Mailer$MailSender.run(Mailer.java:131)
```