



**A project Report on**

**DEMOQA WEBSITE USING AUTOMATION TOOL**  
**SELENIUM WEBDRIVER WITH JAVA.**

**By**

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## **Introduction :**

The Project aim to do overall testing like functional testing, GUI testing on website to check quality of application. It helps to improve quality of website and saves time for manually doing this testing. In this project our main focus is to check functionalities available on website. Also, it include title check and all links count with their working status.

## **Software Requirements:**

- Operating System : Windows 10
- Browser : Google Chrome 91.0.4472.164
- Platform : Eclipse IDE
- Automation Tool : Selenium WebDriver
- Language : Java
- Files : JDK, Selenium Jar files, Common IO file

## **MODULE 1: ELEMENT**

### **TC01 : Launch the browser .**

#### **Selenium WebDriver Test Script:**

```
System.setProperty("webdriver.gecko.driver", "C:\\\\Users\\\\dell\\\\Desktop\\\\selenium\njar\\\\geckodriver.exe");\nWebDriver w = new FirefoxDriver();\nSystem.out.println("Chrome browser launch successfully");
```

### **TC02 : To Check window maximize**

#### **Selenium WebDriver Test Script:**

```
w.manage().window().maximize();\nSystem.out.println("Window maximize");\nThread.sleep(2000);
```

### **TC03 : To Get current URL**

#### **Selenium WebDriver Test Script:**

```
w.getCurrentUrl();\nSystem.out.println("Current URL: "+ w.getCurrentUrl());
```

### **TC04 : To Get current Title**

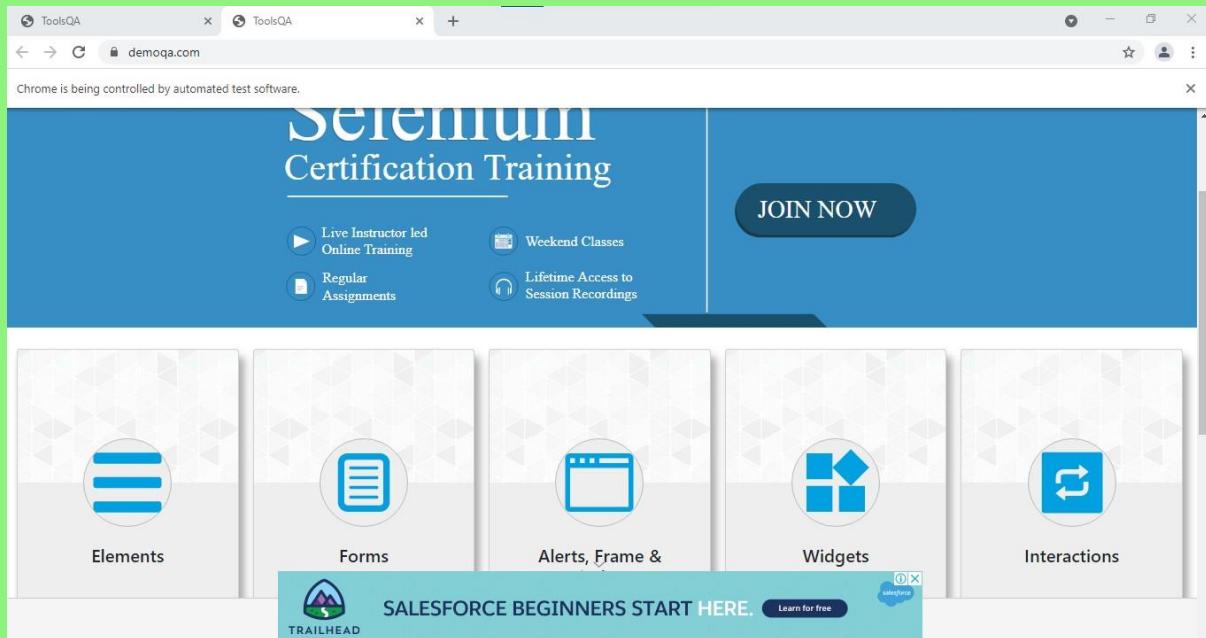
#### **Selenium WebDriver Test Script:**

```
w.getTitle();\nSystem.out.println("Title: "+ w.getTitle());
```

### **TC05 : Open the DemoQA Website.**

#### **Selenium WebDriver Test Script:**

```
w.get("https://demoqa.com/elements");
```



## TC06 : To scroll down the window upto element Module.

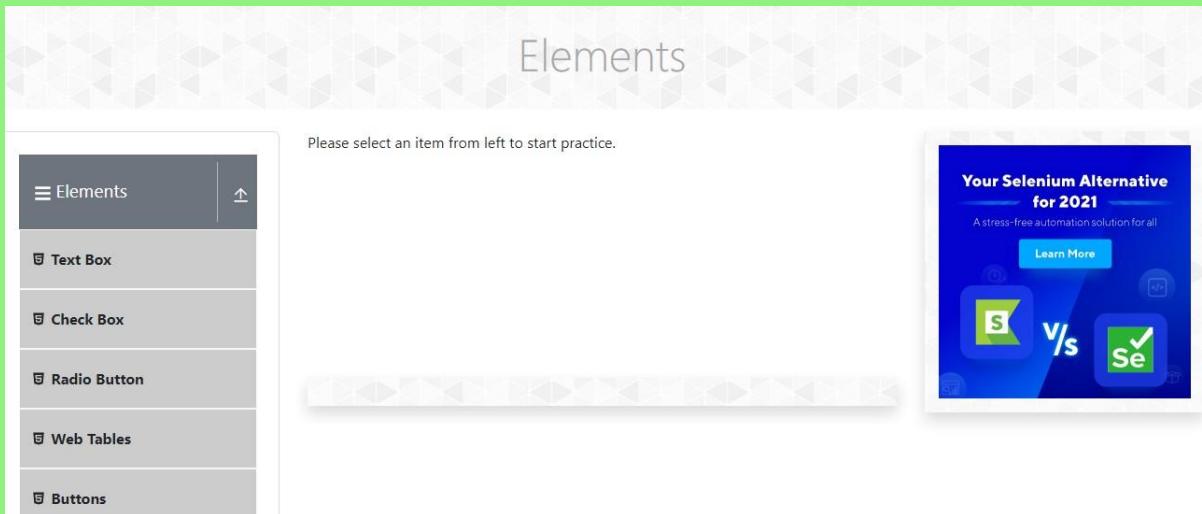
### Selenium WebDriver Test Script:

```
JavascriptExecutor js = (JavascriptExecutor) w;  
js.executeScript("window.scrollBy(0,1500);");
```

## TC07 :To check the functionality of element module of ToolQA Website.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//*[@id='app']/div/div/div[2]/div/div[1]/div/div[3]")).click();  
Thread.sleep(2000);  
  
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]")).getText());  
  
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]")).getText());
```



## TC08: To check the functionality of textbox module in element module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//*[@id='item-o']/span")).click();
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]")).getText());
```

## TC09: To check the functionality of submit button with valid Name,Email ID,Current Address,Permanent address.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//input[@id='userName']")).sendKeys("Yogita");
w.findElement(By.xpath("//input[@id='userEmail']")).sendKeys("yb@gmail.com");
w.findElement(By.xpath("//textarea[@id='currentAddress']")).sendKeys("Jalgaon");
w.findElement(By.xpath("//textarea[@id='permanentAddress']")).sendKeys("Raver");
```

```
JavascriptExecutor jss = (JavascriptExecutor) w;
jss.executeScript("window.scrollTo(0,document.body.scrollHeight)");
```

```
w.findElement(By.xpath("//*[@id='submit']")).click();
Thread.sleep(2000);
```

```
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]/form[1]/div[6]/div[1]")).getText());
```

The screenshot shows a web application interface. On the left, there is a sidebar menu titled 'Elements' with the following items: Text Box, Check Box, Radio Button, Web Tables, Buttons, Links, and Broken Links - Images. The main content area contains a form with the following fields:

- Full Name: Yogita
- Email: ybadhe0990@gmail.com
- Current Address: Jalgaon
- Permanent Address: Jalgaon

At the bottom right of the form is a blue 'Submit' button. Below the form, a summary box displays the entered information:

```
Name:Yogita
Email:ybadhe0990@gmail.com
Current Address :Jalgaon
Permananet Address :Jalgaon
```

In the top right corner of the page, there is a promotional banner for 'Your Selenium Alternative for 2021' with the text 'A stress-free automation solution for all' and a 'Learn More' button.

## TC10 :To check the functionality of Checkbox module in element module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[2]")).click();
Thread.sleep(1000);

//get text
System.out.println(w.findElement(By.xpath("//*[@id=\"app\"]/div/div/div[1]")).getText());
Thread.sleep(2000);

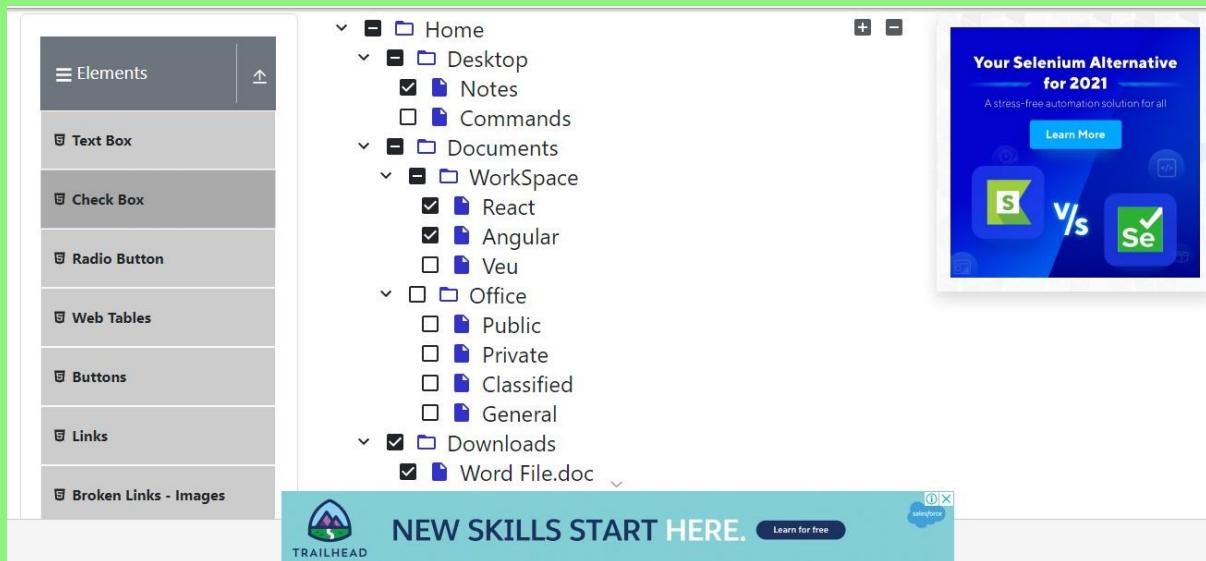
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]/div[1]/div[1]/button[1]/*[1]")).click();
Thread.sleep(2000);
```

## TC11 : To check the functionality of checkbox whether it is expand or not.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]/div[1]/ol[1]/li[1]/span[1]/button[1]")).click();
Thread.sleep(2000);

w.findElement(By.xpath("//body[1]/div[2]/div[1]/div[1]/div[2]/div[2]/div[1]/div[1]/div[1]/button[1]/svg[1]/path[1]")).click();
Thread.sleep(2000);
```



## TC12 : To check how many checkbox are available in checkbox module.

### Selenium WebDriver Test Script:

```
List<WebElement> Checkbox = w.findElements(By.tagName("span"));
int Total_Checkbox = Checkbox.size();
System.out.println("Total number of checkbox: "+Total_Checkbox);
```

## TC13 : To check the functionality of checkbox if it is clickable or not.

### Selenium WebDriver Test Script:

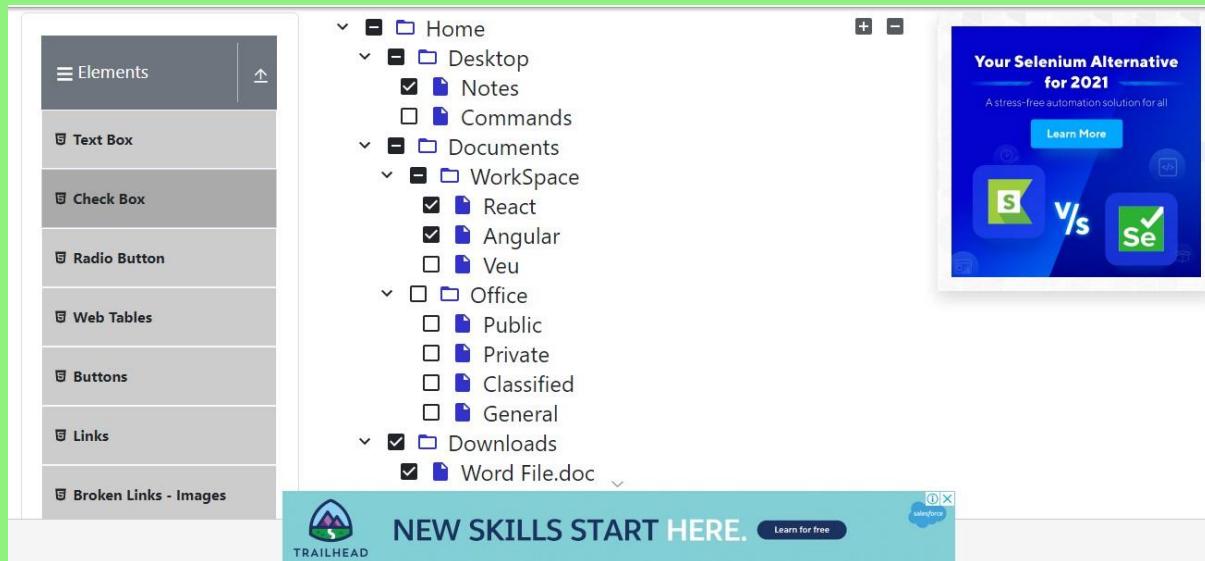
```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]
/div[1]/div[1]/button[2]/*[1]")).click();
Thread.sleep(2000);

w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]
/div[1]/div[1]/button[1]/*[1]")).click(); // plus
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]
/div[1]/ol[1]/li[1]/ol[1]/li[1]/ol[1]/li[1]/span[1]/label[1]/span[1]/*[1]")).click(); // notes
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]
/div[1]/ol[1]/li[1]/ol[1]/li[2]/ol[1]/li[1]/ol[1]/li[1]/span[1]/label[1]/span[1]/*[1]")).cl
ick(); // react
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]
/div[1]/ol[1]/li[1]/ol[1]/li[2]/ol[1]/li[1]/ol[1]/li[2]/span[1]/label[1]/span[1]/*[1]")).c
lick(); // angular
JavascriptExecutor js1 = (JavascriptExecutor) w;
js1.executeScript("window.scrollBy(0,1500)");
w.findElement(By.xpath("//span[contains(text(),'Downloads')]")).click();
```

```

Thread.sleep(2000);
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]")).getText());

```



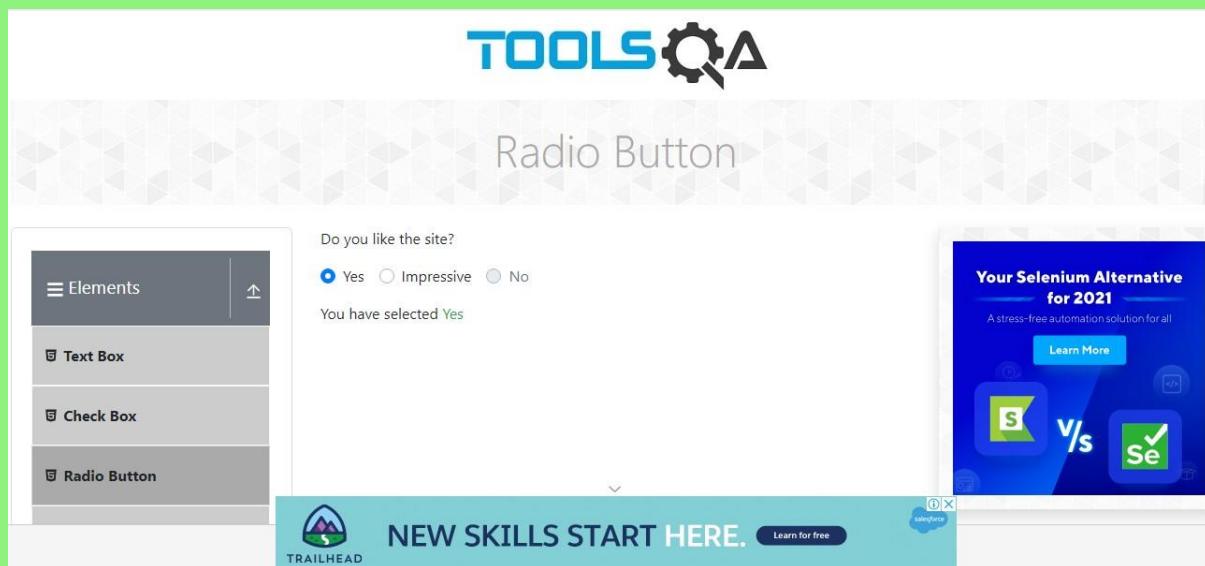
## TC14 : To check the functionality of radio button in element module.

### Selenium WebDriver Test Script:

```

w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[3]")).click();
w.findElement(By.xpath("//label[contains(text(),'Yes')]")).click();
System.out.println("Yes radio button selected");
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/p[1]")).getText());
Thread.sleep(2000);

```



## **TC15: To check how many radio button are available in radio button module.**

### **Selenium WebDriver Test Script:**

```
List<WebElement> RadioButton = w.findElements(By.tagName("label"));
System.out.println("Total number of radio button: "+RadioButton.size());
Thread.sleep(3000);
```

## **TC16 : To check the functionality of web table module in element module.**

### **Selenium WebDriver Test Script:**

```
JavascriptExecutor js2 =(JavascriptExecutor) w;
js2.executeScript("window.scrollBy(0,1500)");
w.findElement(By.xpath("//*[@id='item-3']]")).click();
Thread.sleep(1000);
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]")).getText());
```

## **TC17 : To check the functionality of add button in web table module.**

### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("/html[1]/body[1]/div[2]/div[1]/div[1]/div[2]/div[2]/div[1]/div[2]/div[1]/button[1]")).click();
```

## **TC18: To check the functionality of submit button with valid First name,Last name, Email ID,Age,salary,Department.**

### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("firstName")).sendKeys("Yogita");
w.findElement(By.id("lastName")).sendKeys("Badhe");
w.findElement(By.id("userEmail")).sendKeys("ybadheo990@gmail.com");
w.findElement(By.id("age")).sendKeys("25");
w.findElement(By.id("salary")).sendKeys("50000");
w.findElement(By.id("department")).sendKeys("MCA");
Thread.sleep(3000);
w.findElement(By.xpath("//*[@id='submit']")).click();
System.out.println("Data fill successfully ");
Thread.sleep(3000);
```

The screenshot shows a web application titled "Web Tables" from "TOOLSQA". On the left, there's a sidebar with "Elements" and a list of form types: "Text Box", "Check Box", and "Radio Button". The main area displays a table with columns: First Name, Last Name, Age, Email, Salary, Department, and Action. The table contains four rows of employee data. Each row has an "Edit" icon (pencil) and a "Delete" icon (trash can) in the Action column. A search bar at the top right says "Type to search". An advertisement for "Your Selenium Alternative for 2021" is visible on the right.

First Name	Last Name	Age	Email	Salary	Department	Action	
Cierra	Vega	39	cierra@exa...	10000	Insurance		
Alden	Cantrell	45	alden@exa...	12000	Compliance		
Kierra	Gentry	29	kierra@exa...	2000	Legal		
Yogita	Badhe	25	ybadhe099...	50000	MCA		

## TC19: To check the functionality of edit option in web table module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]/div[3]/div[1]/div[2]/div[2]/div[1]/div[7]/div[1]/span[1]/*[1]")).click();
w.findElement(By.id("userEmail")).clear();
Thread.sleep(1000);
w.findElement(By.id("userEmail")).sendKeys("yb@gmail.com");
Thread.sleep(2000);
w.findElement(By.id("department")).clear();
Thread.sleep(2000);
w.findElement(By.id("department")).sendKeys("Computer");
Thread.sleep(2000);
w.findElement(By.xpath("//*[@id=\"$submit\"]")).click();
Thread.sleep(2000);
System.out.println("Record edited successfully");
Thread.sleep(2000);
```

The screenshot shows the same "Web Tables" application. In the table, the second row's email field ("yb@gmail.com") and department field ("Computer") are both highlighted with red boxes, indicating they are selected for editing.

## TC20: To check the functionality of search bar in web table module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//input[@id='searchBox']")).sendKeys("Yogita");
Thread.sleep(2000);
System.out.println("Record search successfully");
```

First Name	Last Name	Age	Email	Salary	Department	Action
Yogita	Badhe	25	ybadhe099...	50000	MCA	

## TC21 :To check the functionality of delete icon in web table module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]
/div[3]/div[1]/div[2]/div[1]/div[1]/div[7]/div[1]")).click();
System.out.println("Record deleted successfully");
Thread.sleep(2000);
```

## TC22: To check the functionality of button module in element module.

### Selenium WebDriver Test Script:

```
JavascriptExecutor js3 = (JavascriptExecutor) w;
js3.executeScript("window.scrollBy(0,1500)");
w.findElement(By.xpath("//*[@id='item-4']")).click();

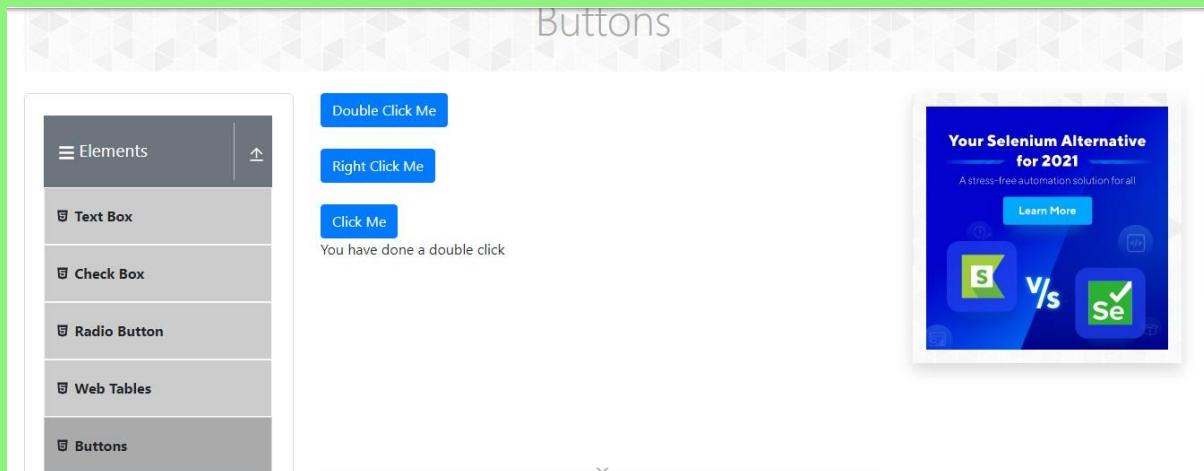
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]
/div[1]")).getText());
```

## TC23: To check the functionality of Double click me in button module.

## Selenium WebDriver Test Script:

```
Actions a = new Actions(w);
```

```
WebElement web = w.findElement(By.xpath("//button[@id='doubleClickBtn']"));  
a.doubleClick(web).build().perform();  
System.out.println(w.findElement(By.id("doubleClickMessage")).getText());  
Thread.sleep(2000);
```

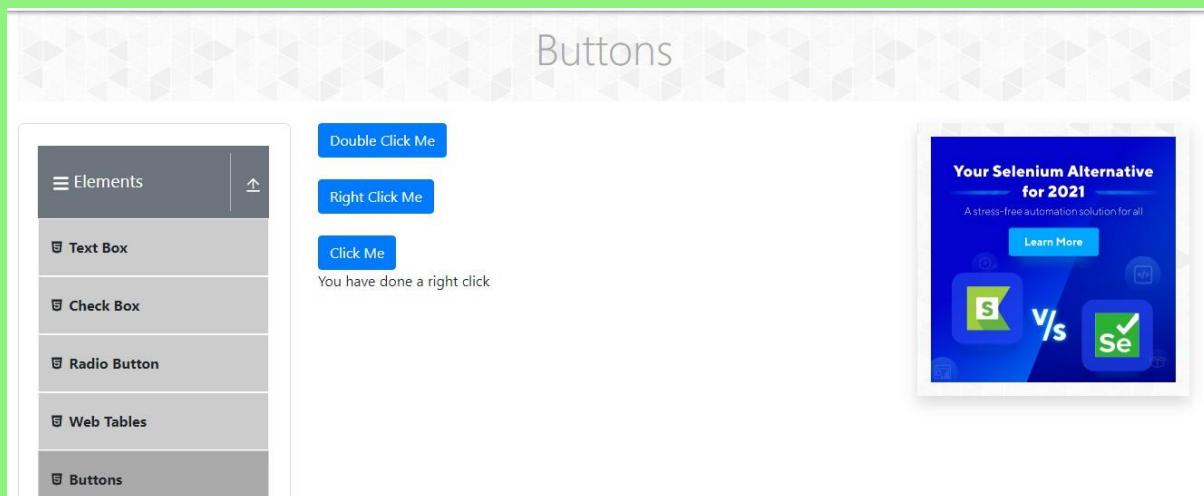


## TC24 : To check the functionality of right click me in button module.

### Selenium WebDriver Test Script:

```
Actions a1 = new Actions(w);
```

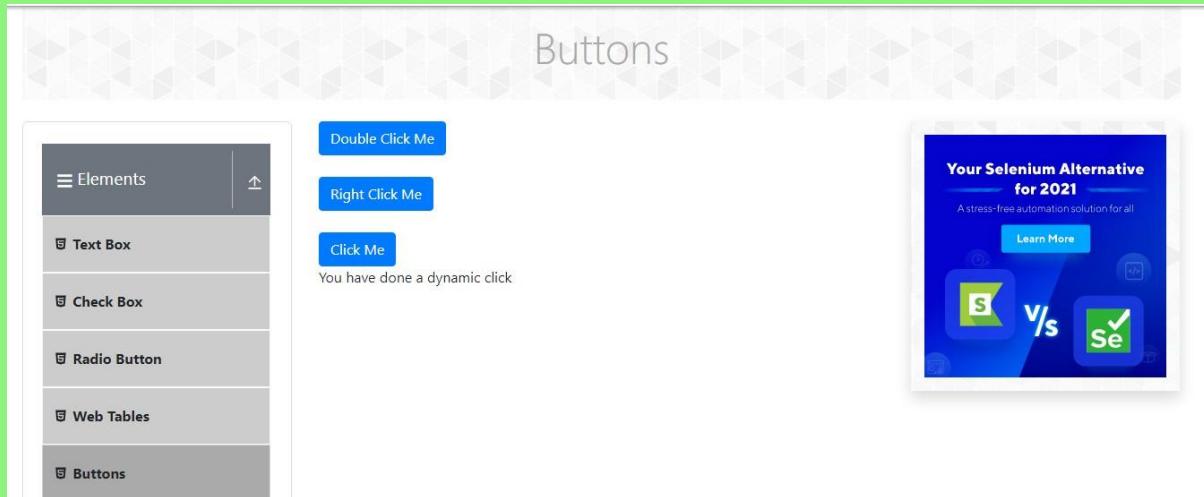
```
WebElement web1 = w.findElement(By.xpath("//button[@id='rightClickBtn']"));  
a1.contextClick(web1).build().perform();  
System.out.println(w.findElement(By.xpath("//p[@id='rightClickMessage']")).getText());  
Thread.sleep(2000);
```



## TC25 : To check the functionality of click me button in button module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//html[1]/body[1]/div[2]/div[1]/div[1]/div[2]/div[2]/div[1]/div[3]/button[1]")).click();
System.out.println(w.findElement(By.xpath("//p[@id='dynamicClickMessage']")).getText());
Thread.sleep(2000);
```



## TC26 : To check the functionality of Links module in element module.

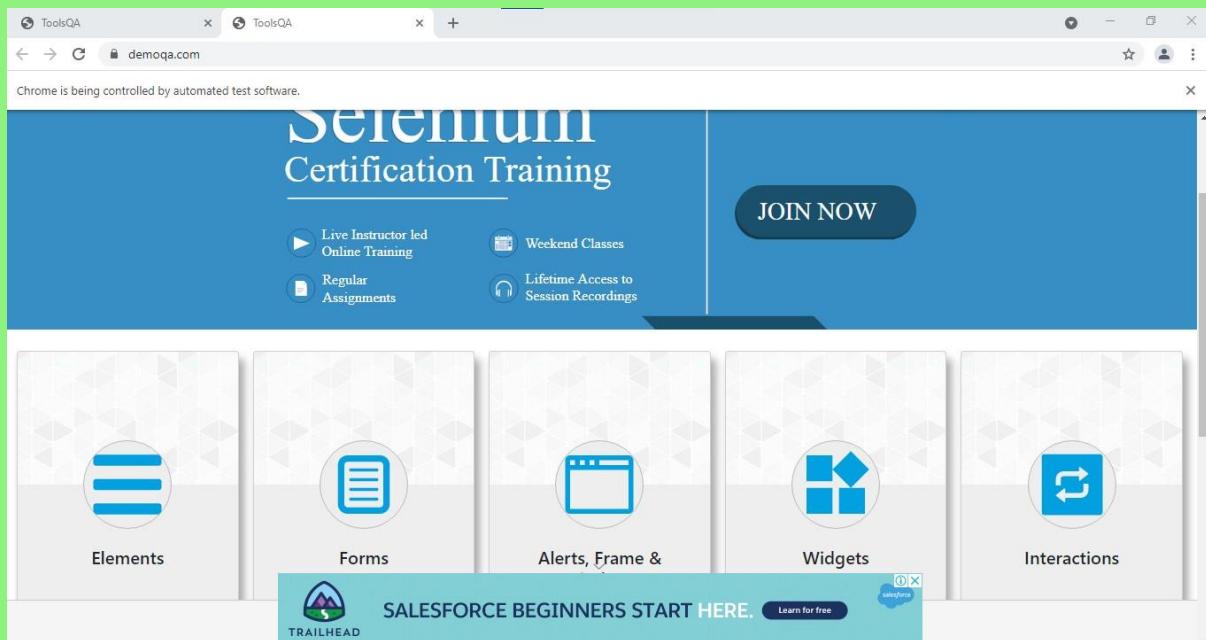
### Selenium WebDriver Test Script:

```
JavascriptExecutor js4= (JavascriptExecutor) w;
js4.executeScript("window.scrollBy(0,1500)");
w.findElement(By.xpath("//*[@id='item-5']")).click();
Thread.sleep(2000);
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]")).getText());
```

## TC27 :To check the functionality of Home Link in links Module.

### Selenium WebDriver Test Script:

```
System.out.println(w.findElement(By.xpath("//strong[contains(text(),'Following
links will open new tab')]")).getText());
w.findElement(By.xpath("//a[@id='simpleLink']")).click();
Thread.sleep(3000);
```



## TC28: To check the window handling.

### Selenium WebDriver Test Script:

```
Set<String> s = w.getWindowHandles();
Iterator<String> it = s.iterator();
String parent_window = it.next();
String child_window = it.next();
w.switchTo().window(child_window);
Thread.sleep(2000);
w.switchTo().window(parent_window);
```

## TC29 : To check the functionality of following links are send in api call

### Selenium WebDriver Test Script:

```
JavascriptExecutor js5 = (JavascriptExecutor) w;
js5.executeScript("window.scrollBy(0,300)");
Thread.sleep(2000);
System.out.println(w.findElement(By.xpath("//strong[contains(text(),'Following links will send an api call')]")).getText());

w.findElement(By.linkText("Created")).click();
System.out.println("Link has responded with status 201 and status text Created");
Thread.sleep(2000);

w.findElement(By.linkText("No Content")).click();
System.out.println("Link has responded with status 204 and status text No Content");
Thread.sleep(2000);
```

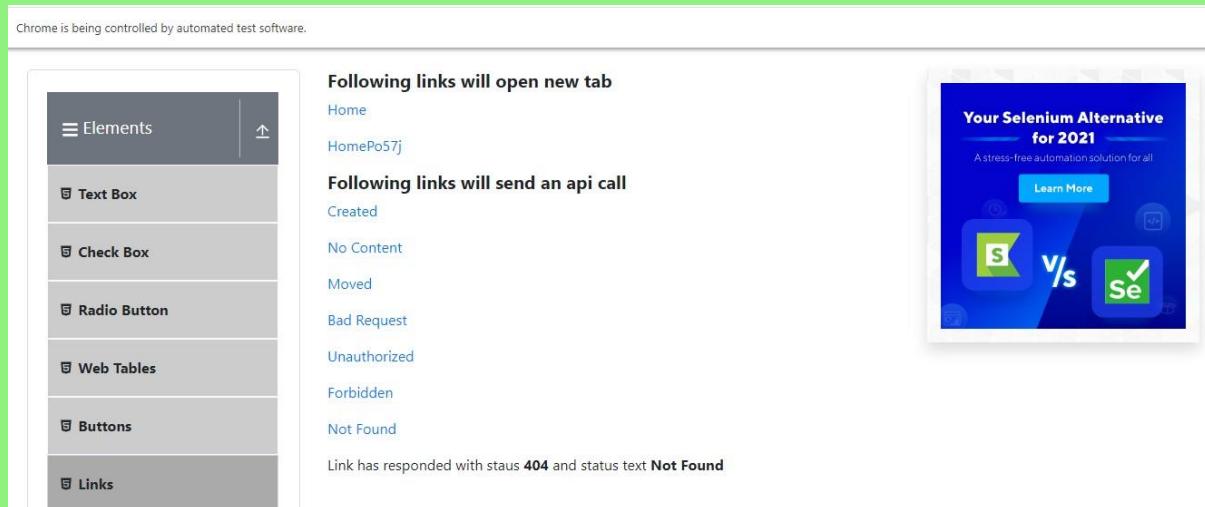
```
w.findElement(By.linkText("Moved")).click();
System.out.println("Link has responded with status 301 and status text Moved
Permanently");
Thread.sleep(2000);

w.findElement(By.linkText("Bad Request")).click();
System.out.println("Link has responded with status 400 and status text Bad
Request");
Thread.sleep(2000);

w.findElement(By.linkText("Unauthorized")).click();
System.out.println("Link has responded with status 401 and status text Unauthorized");
Thread.sleep(2000);

w.findElement(By.linkText("Forbidden")).click();
System.out.println("Link has responded with status 403 and status text Forbidden");
Thread.sleep(2000);

w.findElement(By.linkText("Not Found")).click();
System.out.println("Link has responded with status 404 and status text Not Found");
Thread.sleep(2000);
```



## TC30 : To check how many links are available in links module.

### Selenium WebDriver Test Script:

```
List<WebElement> Link = w.findElements(By.tagName("a"));
int Total_Link = Link.size();
System.out.println("Total number of checkbox: "+Total_Link);
```

## TC31: To check the functionality of broken links in element module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//*[@id='item-6']")).click();
Thread.sleep(2000);
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]")).getText());
```

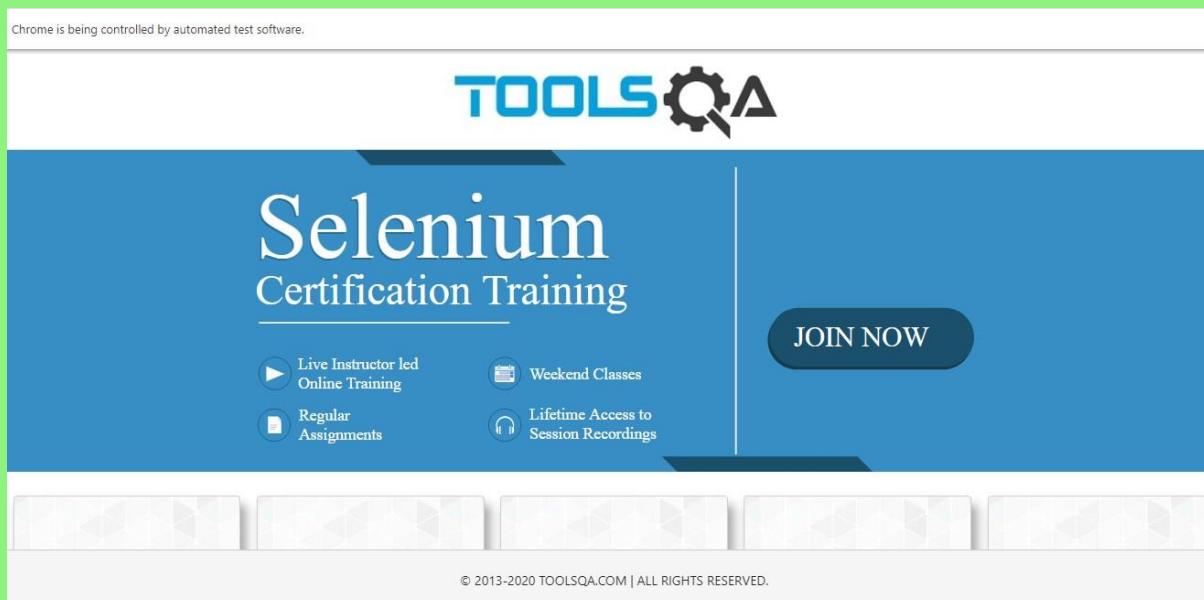
### TC32 : To check the functionality of Click here for valid link in broken link module.

### Selenium WebDriver Test Script:

```
JavascriptExecutor js6 = (JavascriptExecutor) w;
js6.executeScript("window.scrollBy(0,500)");
Thread.sleep(2000);

w.findElement(By.xpath("//*[@id='app']/div/div[2]/div[2]/div[1]/a[1]")).click();
Thread.sleep(1000);
System.out.println("Valid Link");

w.navigate().back();
Thread.sleep(2000);
```



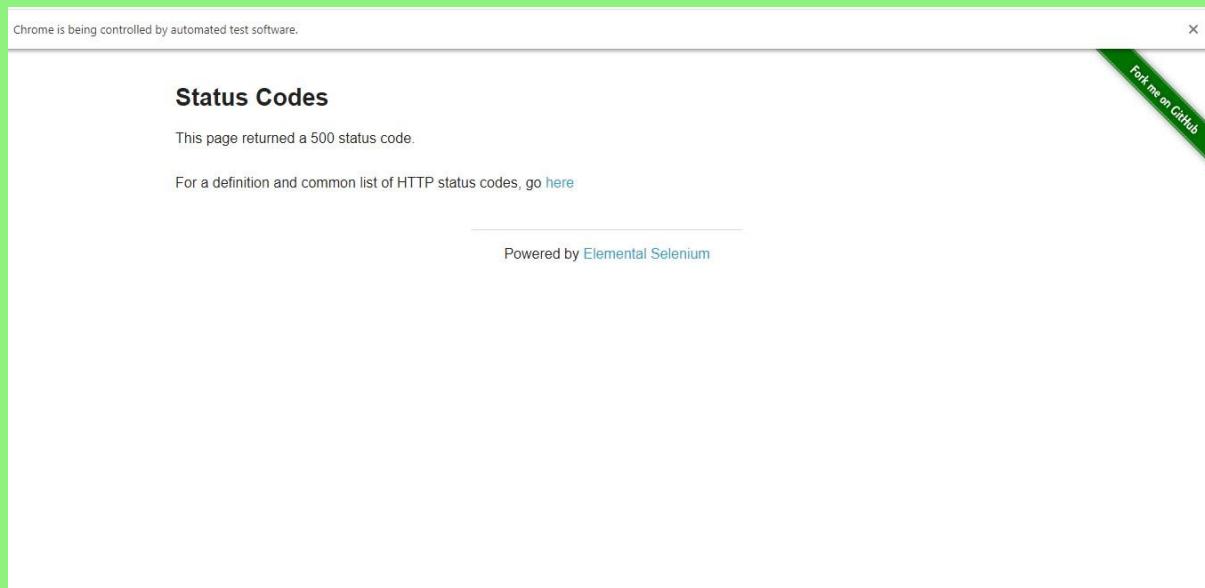
### TC33 : To check the functionality of Click here for broken link in broken link module.

### Selenium WebDriver Test Script:

```
JavascriptExecutor js7 = (JavascriptExecutor) w;
js7.executeScript("window.scrollBy(0,500)");
Thread.sleep(2000);
```

```
w.findElement(By.linkText("Click Here for Broken Link")).click();
Thread.sleep(2000);
System.out.println("Broken Link");

w.navigate().back();
Thread.sleep(2000);
```



### TC34: To check the functionality of Upload and Download module in element module.

#### Selenium WebDriver Test Script:

```
JavascriptExecutor js8 = (JavascriptExecutor) w;
js8.executeScript("window.scrollBy(0,1000)");
Thread.sleep(2000);

w.findElement(By.xpath("//*[@id='item-7']")).click();
Thread.sleep(2000);

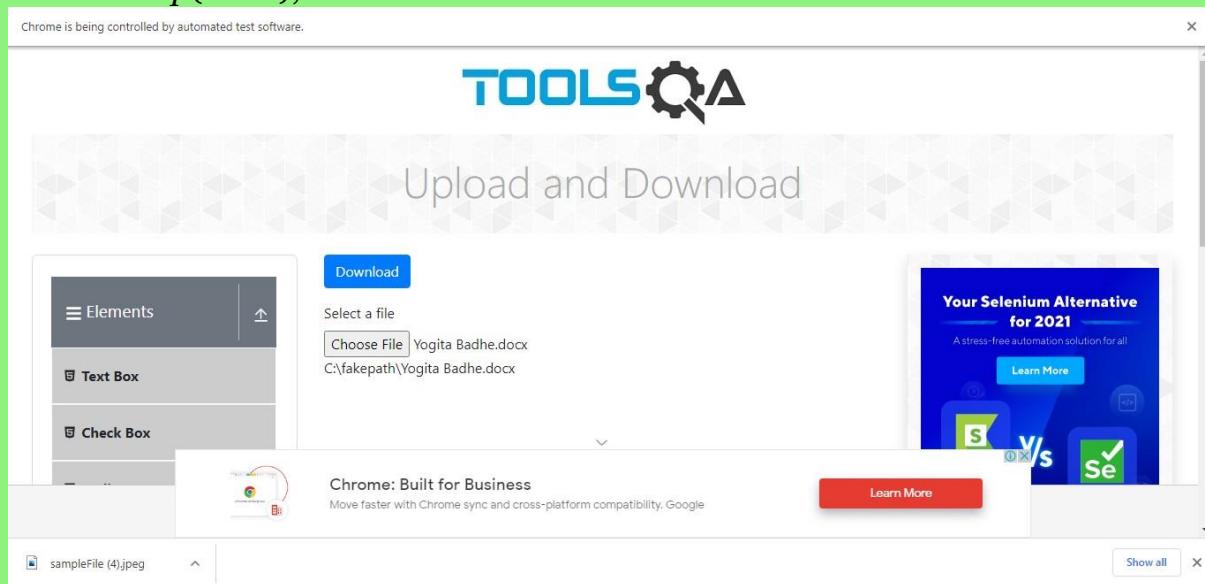
System.out.println(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]")).getText());
Thread.sleep(2000);
```

### TC35: To check the functionality of Choose file button in upload and download module.

#### Selenium WebDriver Test Script:

```
w.findElement(By.cssSelector("input#uploadFile")).sendKeys("D:\\Yogita
Badhe.docx");
```

```
System.out.println("File uploaded Successfully");
Thread.sleep(2000);
```



### TC36: To check the functionality of download button in Upload and download module.

#### Selenium WebDriver Test Script:

```
w.findElement(By.cssSelector("a#downloadButton")).click();
System.out.println("File download successfully");
Thread.sleep(2000);
```

### TC37 : To check the functionality of dynamic properties in element module.

#### Selenium WebDriver Test Script:

```
JavascriptExecutor js9 = (JavascriptExecutor) w;
js9.executeScript("window.scrollBy(0,1000)");
Thread.sleep(2000);
w.findElement(By.xpath("//span[contains(text(),'Dynamic Properties')]")).click();
Thread.sleep(7000);
```

```
//gettext
System.out.println(w.findElement(By.xpath("//div[contains(text(),'Dynamic Properties')]")).getText());
Thread.sleep(2000);
```

```
//gettext
System.out.println(w.findElement(By.xpath("/html[1]/body[1]/div[2]/div[1]/div[1]
/div[2]/div[2]/div[1]/p[1]")).getText());
Thread.sleep(20000);
```

### TC38:To check the functionality of will enable 5 seconds button in dynamic properties.

### Selenium WebDriver Test Script:

```
w.findElement(By.id("enableAfter")).click();
Thread.sleep(3000);
```

### TC39 : To check the functionality of color change button in dynamic properties module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//button[@id='colorChange']")).click();
Thread.sleep(2000);
```

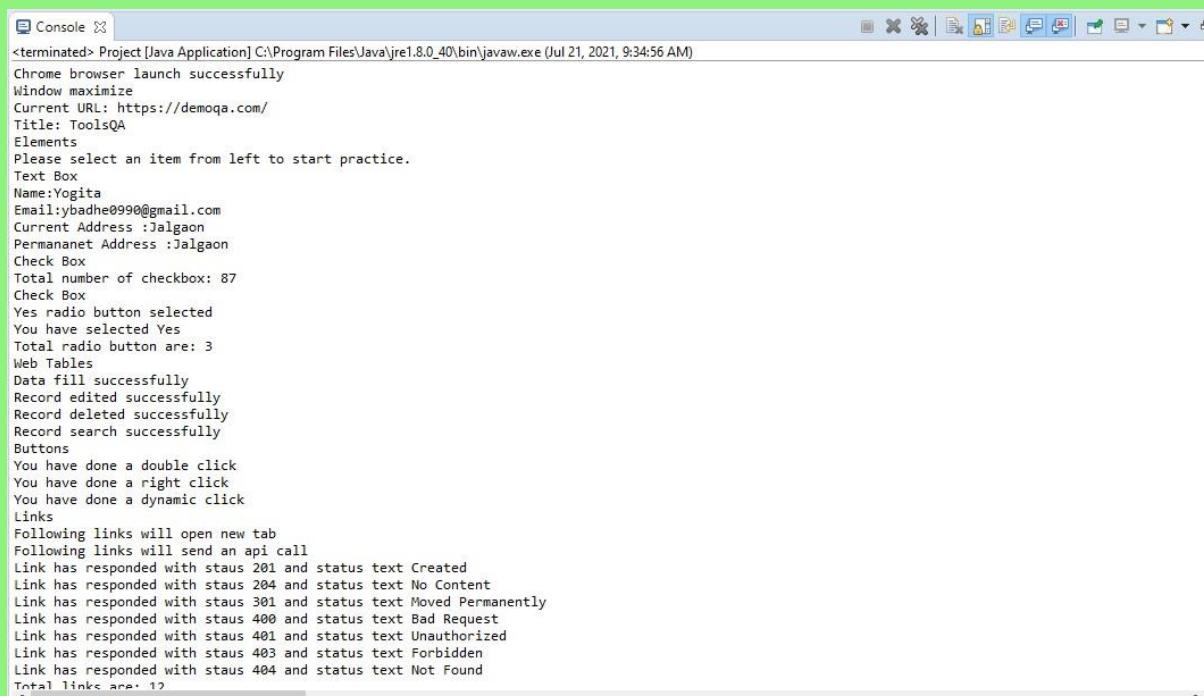
### TC40: To check the functionality of Visible after 5 seconds in dynamic properties.

### Selenium WebDriver Test Script:

```
//window scroll down
JavascriptExecutor js10=(JavascriptExecutor) w;
js10.executeScript("window.scrollBy(0,3000)");
Thread.sleep(2000);

//visible after 5 sec
w.findElement(By.xpath("//button[@id='visibleAfter']")).click();
Thread.sleep(2000);
```

### Console window for Element Module:



The screenshot shows a Java IDE's console window with the title 'Console'. The log output is as follows:

```
<terminated> Project [Java Application] C:\Program Files\Java\jre1.8.0_40\bin\javaw.exe (Jul 21, 2021, 9:34:56 AM)
Chrome browser launch successfully
Window maximize
Current URL: https://demoqa.com/
Title: ToolsQA
Elements
Please select an item from left to start practice.
Text Box
Name:Yogita
Email:ybadhe0990@gmail.com
Current Address :Jalgaon
Permananet Address :Jalgaon
Check Box
Total number of checkbox: 87
Check Box
Yes radio button selected
You have selected Yes
Total radio button are: 3
Web Tables
Data fill successfully
Record edited successfully
Record deleted successfully
Record search successfully
Buttons
You have done a double click
You have done a right click
You have done a dynamic click
Links
Following links will open new tab
Following links will send an api call
Link has responded with status 201 and status text Created
Link has responded with status 204 and status text No Content
Link has responded with status 301 and status text Moved Permanently
Link has responded with status 400 and status text Bad Request
Link has responded with status 401 and status text Unauthorized
Link has responded with status 403 and status text Forbidden
Link has responded with status 404 and status text Not Found
Total links are: 12
```

## Defect found in element module:

**DF01:In DEMOQA website,in textbox module,textfield will accept invalid data.**

Chrome is being controlled by automated test software.

The screenshot shows a sidebar titled 'Elements' with options: Text Box, Check Box, Radio Button, Web Tables, Buttons, Links, and Broken Links - Images. The main area has four input fields: Email (123@gmail.com), Current Address (987\$hgf), Permanent Address (987%zx), and a 'Submit' button. Below the form is a summary box containing: Name:xyz123, Email:123@gmail.com, Current Address :987\$hgf, Permananet Address :987%zx. A sidebar on the right says 'Your Selenium Alternative for 2021' with a 'Learn More' button.

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**YB001:In DemoQA website , in textbox module , textfield accept invalid data also.**

Attach Create subtask Link issue qTest: Test Execution

Description

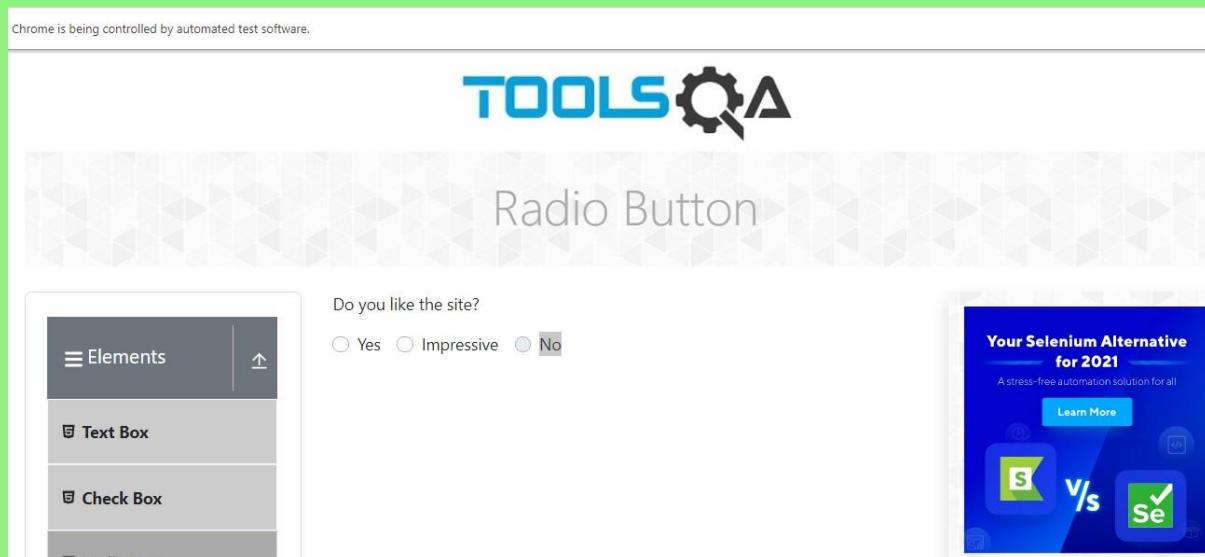
Steps:

- 1] launch browser
- 2] Open url : <https://demoqa.com/>
- 3] Enter Name : xyz123
- 4] Enter Email:123@gmail.com
- 5] Enter current address : 987\$hgf
- 6] Enter permanant Address:987%zx
- 7] Click on submit button : N/A

Expected Result: Submit should not be successfull.

Actual Result: Submit is successfull.

## DF02 :In DEMOQA website ,in Radiobutton module,"NO" radio button is not clickable.

A screenshot of a Jira Software issue tracking page. The issue key is YB002. The description section contains the following text:

YB002 : In DemoQA Website, in RadioButton module, "No" radio button is not clickable/not working properly.

Steps:

- 1] Launch Browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down the window upto radiobutton module
- 4] After that click on RadioButton module
- 5] Click on "NO" radio button

Expected Result : "NO" radio button should be selected.  
Actual Result : "NO" radio button is not selected.

Environment

Operating system: Window 10  
Browser : chrome 91.0.4472.164

Attachments (1)

Add a comment..

Pro tip: press M to comment

### DF03: In DEMOQA Website,in WebTable module,when we add data into table so the textfield accept invalid data.

Chrome is being controlled by automated test software.

**Registration Form**

First Name	567	✓
Last Name	123xyz	✓
Email	098@gmail.com	✓
Age	11	✓
Salary	234	✓
Department	98cv	✓

**Submit**

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Projects / First\_batch\_Jira / FBJ-469

**YB003 : In DemoQA Website, in WeTable module, Submit button is working with all invalid data.**

**Description**

Steps :

- 1] Launch Browser
- 2] Open URL : <https://demoqa.com/>
- 3] Maximize the window
- 4] Scroll down upto webtable module
- 5] After that click on that module
- 6] Click on add button : N/A
- 7] Enter First name : 567
- 8] Enter last name: 123xyz
- 9] Enter Email ID : 098@gmail.com
- 10] Enter age : 11
- 11] Enter salary : 234
- 12] Enter department : 98cv
- 13] Click on submit button : N/A

Expected Result : Data should not be added in table.

Actual Result : Data is added in table.

Add a comment...

## DF04: In DEMOQA website,in links module,the links are not redirect to the other page.

Chrome is being controlled by automated test software.

**Following links will open new tab**

Home  
HomeMbrvN

**Following links will send an api call**

Created  
Moved  
Bad Request  
Unauthorized  
Forbidden  
Not Found

Link has responded with status **201** and status text **Created**

Projects / First\_batch\_Jira / FBJ-470

### YB004 : In DemoQA Website, in Links module, Links are not redirect to other page.

Attach Create subtask Link issue qTest: Test Execution

Description

Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down window upto links module
- 4] After that click on that module
- 5] Click on the every link which come under the links will send an api call

Expected Result : Links should be redirect to respective page.

Actual Result : Links is not redirect to respective page.

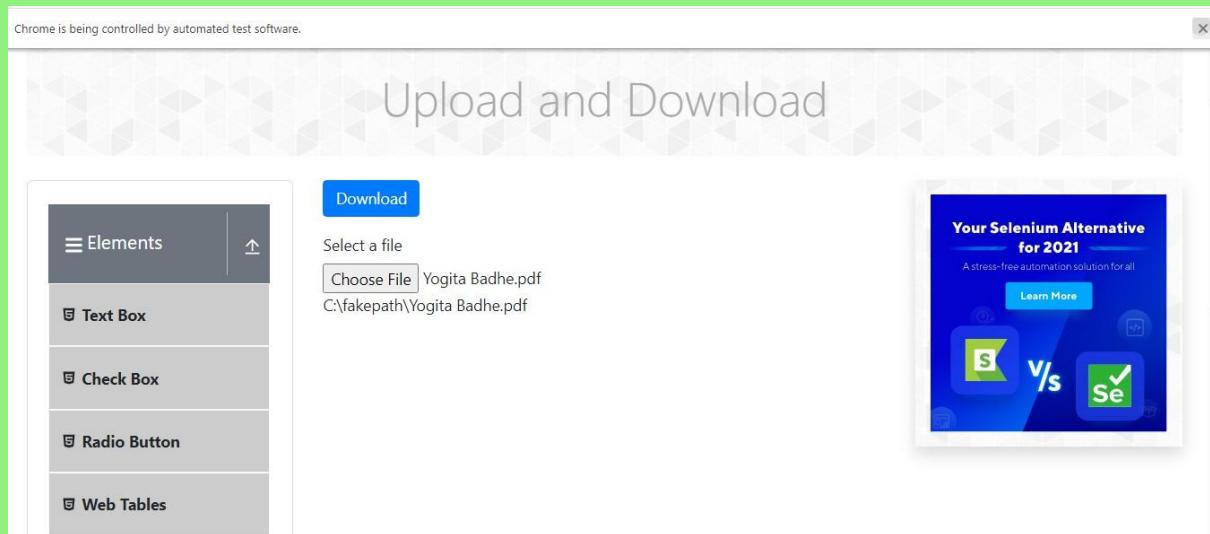
Environment

Operating system: Window 10  
Browser : chrome 91.0.4472.164

Attachments (1)

... +

**DF05:In DEMOQA module, in Upload & download module, the choose file button will take the “c” directory location and consider as a fakepath .**

A screenshot of a Jira Software issue page. The URL is "Projects / First\_batch\_Jira / FBJ-471". The title of the issue is "YB005 : In DemoQA Website , in Upload&Download Module, location directory will change automatically.". Below the title, there are buttons for "Attach", "Create subtask", "Link issue", and "qTest: Test Execution". The "Description" section contains the steps for reproducing the bug: 1] Launch browser, 2] Open URL : <https://demoqa.com/>, 3] Scroll down upto Upload&Download module, 4] After that click on Upload&Download module, 5] Click on choose file, 6] Enter the location of file : D://Yogita Badhe.docx, 7] Click on download the file. The "Expected Result" is "File should be uploaded successfully with given directory location." and the "Actual Result" is "File is uploaded successfully but he will take "c://" directory location and consider as a fakepath.". The "Environment" section lists "Operating system: Window 10" and "Browser : chrome 91.0.4472.164". The "Attachments (1)" section shows a file named "Upload and Download".

## **MODULE 2 : FORMS**

### **TC01 : Launch the browser .**

#### **Selenium WebDriver Test Script:**

```
System.setProperty("webdriver.gecko.driver", "C:\\\\Users\\\\dell\\\\Desktop\\\\selenium  
jar\\\\geckodriver.exe");  
WebDriver w = new FirefoxDriver();  
System.out.println("Chrome browser launch successfully");
```

### **TC02 : To Check window maximize**

#### **Selenium WebDriver Test Script:**

```
w.manage().window().maximize();  
System.out.println("Window maximize");  
Thread.sleep(2000);
```

### **TC03 : Open the DemoQA Website.**

#### **Selenium WebDriver Test Script:**

```
w.get("https://demoqa.com/elements");
```

### **TC04 : To Get current URL**

#### **Selenium WebDriver Test Script:**

```
w.getCurrentUrl();  
System.out.println("Current URL: "+ w.getCurrentUrl());
```

### **TC05 : To Get current Title**

#### **Selenium WebDriver Test Script:**

```
w.getTitle();  
System.out.println("Title: "+ w.getTitle());
```

### **TC06: To check the window is scroll down or not.**

#### **Selenium WebDriver Test Script:**

```
//Window scroll down
```

```
JavascriptExecutor js = (JavascriptExecutor) w; //scrolling  
js.executeScript("window.scrollBy(0,400)");  
Thread.sleep(2000);
```

### **TC07 : To check the functionality of form module.**

#### **Selenium WebDriver Test Script:**

```
//Click on forms  
w.findElement(By.xpath("//h5[contains(text(),'Forms')]")).click();  
Thread.sleep(2000);
```

### **TC08 : To check the functionality of practice form.**

#### **Selenium WebDriver Test Script:**

```
js.executeScript("window.scrollBy(0,400)");  
Thread.sleep(2000);  
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[2]/div[1]/ul[1]/li[1]")).click(); //click practice form  
Thread.sleep(2000);
```

### **TC09 : To check the functionality of submit button with valid First Name, last name, email ID, select female radio button, With valid mobile number, select date of birth, with valid subject, select checkbox, Upload file, with valid current address ,select state and city**

#### **Selenium WebDriver Test Script:**

```
//Enter First name,Last name,Email ID  
w.findElement(By.id("firstName")).sendKeys("Yogita");  
w.findElement(By.id("lastName")).sendKeys("Badhe");  
w.findElement(By.id("userEmail")).sendKeys("ybadheo990@gmail.com");  
  
//Select radio button  
w.findElement(By.xpath("//label[contains(text(),'Female')]")).click();  
Thread.sleep(2000);  
  
//Window scroll down  
js.executeScript("window.scrollBy(0,500)", "");  
  
//Enter Mobile number  
w.findElement(By.id("userNumber")).sendKeys("9689145560");  
Thread.sleep(2000);  
  
//dob  
w.findElement(By.id("dateOfBirthInput")).sendKeys("9-april-1996");
```

```

Select s1=new
Select(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]
/div[1]/form[1]/div[5]/div[2]/div[2]/div[2]/div[1]/div[1]/div[2]/div[1]
]/select[1]")));
s1.selectByVisibleText("April");
Thread.sleep(2000);

Select s2=new
Select(w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[2]/div[2]
/div[1]/form[1]/div[5]/div[2]/div[2]/div[2]/div[1]/div[1]/div[2]/div[1]
]/select[1]")));
s2.selectByVisibleText("1902");
Thread.sleep(2000);

w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[2]/div[2]/div[1]
/form[1]/div[5]/div[2]/div[2]/div[1]/div[1]/div[2]/div[2]/div[1]/div[4]")).cli
ck();
Thread.sleep(2000);

//subjects
//w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[2]/div[2]/div[1]
/form[1]/div[6]/div[2]/div[1]/div[1]/div[1]")).sendKeys("Software Testing");

//hobbies
w.findElement(By.xpath("/html[1]/body[1]/div[2]/div[1]/div[1]/div[2]/div[2]/div[1]
]/form[1]/div[7]/div[2]/div[1]/label[1]")).click();
w.findElement(By.xpath("/html[1]/body[1]/div[2]/div[1]/div[1]/div[2]/div[2]/div[1]
]/form[1]/div[7]/div[2]/div[3]/label[1]")).click();
Thread.sleep(2000);
js.executeScript("window.scrollBy(0,350)", "");

//file upload
w.findElement(By.cssSelector("input#uploadPicture")).sendKeys("D:\\Yogita
Badhe.docx");
System.out.println("File uploaded Successfully");
Thread.sleep(2000);

//current address
w.findElement(By.id("currentAddress")).sendKeys("Jalgaon");
Thread.sleep(2000);

//select state
w.findElement(By.xpath("//div[contains(text(),'Select State')]")).click();
Thread.sleep(2000);

w.findElement(By.xpath("//div[contains(text(),'Uttar Pradesh')]")).click();
Thread.sleep(2000);

//select city
w.findElement(By.xpath("//div[contains(text(),'Select City')]")).click();

```

```

Thread.sleep(2000);

w.findElement(By.xpath("//div[contains(text(),'Lucknow')]")).click();
Thread.sleep(2000);

w.findElement(By.xpath("//button[@id='submit']")).click();
Thread.sleep(2000);

TakesScreenshot sc11= (TakesScreenshot) w;
File src11 = sc11.getScreenshotAs(OutputType.FILE);
Files.copy(src11, new File("D:\\\\Screenshot\\\\forms1.jpg"));
System.out.println("Screenshot capture successfully");
Thread.sleep(2000);

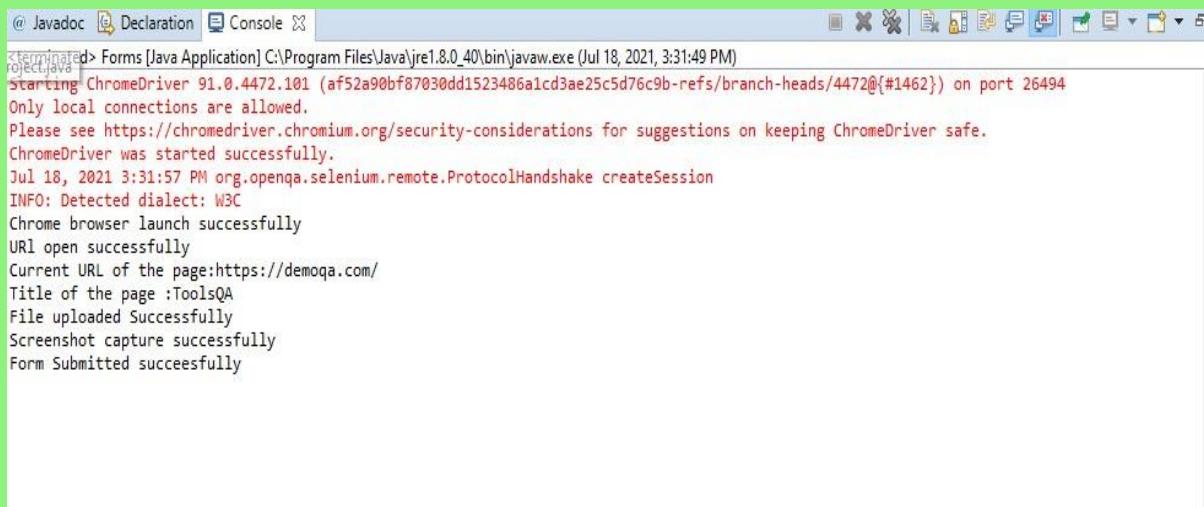
System.out.println("Form Submitted successfully");

```

### Thanks for submitting the form

Label	Values
Student Name	Yogita Badhe
Student Email	ybadhe0990@gmail.com
Gender	Female
Mobile	9689145560
Date of Birth	02 April,1902
Subjects	
Hobbies	Sports, Music
Picture	Yogita Badhe.docx
Address	Jalgaon
State and City	Uttar Pradesh Lucknow

## Console window of Forms Module :



The screenshot shows the Eclipse IDE interface with the 'Console' tab selected in the top bar. The console window displays the following log output:

```
@ Javadoc Declaration Console X
<terminated> Forms [Java Application] C:\Program Files\Java\jre1.8.0_40\bin\javaw.exe (Jul 18, 2021, 3:31:49 PM)
Starting ChromeDriver 91.0.4472.101 (af52a90bf87030dd1523486a1cd3ae25c5d76c9b-refs/branch-heads/4472@{#1462}) on port 26494
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Jul 18, 2021 3:31:57 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Chrome browser launch successfully
URL open successfully
Current URL of the page:https://demoqa.com/
Title of the page :ToolsQA
File uploaded Successfully
Screenshot capture successfully
Form Submitted successfully
```

## Defect found in forms module:

DF01 : In DemoQA website, in forms module,fisrt name,last name textfield accept number.

Student Registration Form

Name: 123 ✓ 456 ✓

Email: 876@gmail.co ✓

Gender: Male Female Other

Mobile(10 Digits): 1234567890 ✓

Date of Birth: 18 Jul 2021 ✓

Subjects:

Hobbies: Sports ✓ Reading □ Music

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YB006 In DEMOQA Websie, in practice form module,first name & last name textfield accept number .

Attach Create subtask Link issue qTest: Test Execution

Description

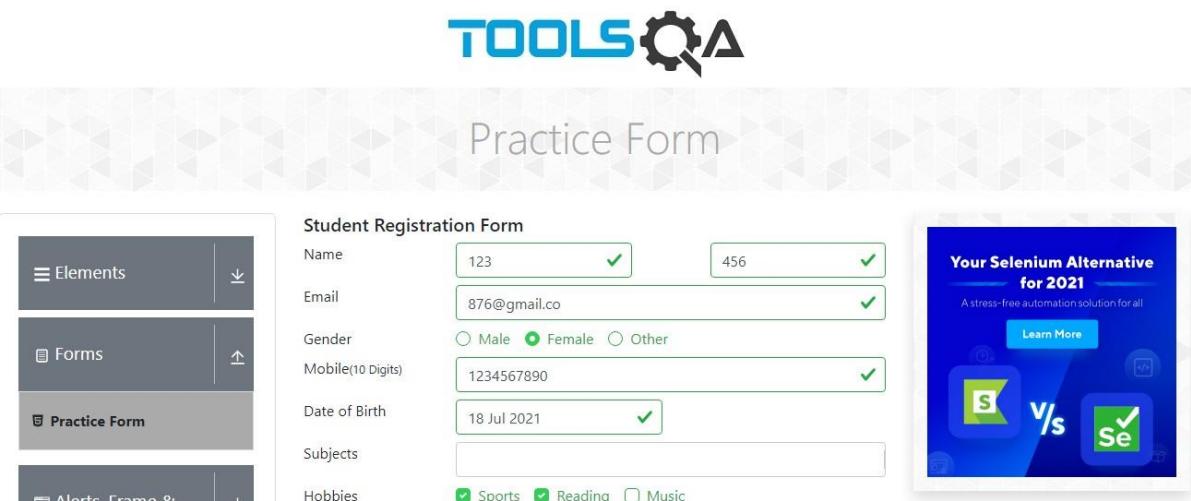
Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down upto forms module
- 4] click on forms module
- 5] After that click on practice form
- 6] Enter valid first name : 123
- 7] Enter valid last name : 456
- 8] Enter valid Email Id : ybadhe0990@gmail.com
- 9] Enter valid Gender: Female
- 10] Enter valid Mobile number: 9689145560
- 11] Enter valid DOB : 09/04/1996
- 12] Enter valid subjects : Software Testing
- 13] Click on Hobbies : music , sport
- 14] click on choose image : N/A
- 15] Enter valid current address : abc
- 16] click on state: Rajasthan
- 17] click on city : jaipur
- 18] click on submit button : N/A

Expected Result : First name & last name textfield should be accept only character and form submit successfully.

Actual Result : First name & last name textfield accept number and submit form successfully.

## DF02 : In DemoQA website ,in forms module,email textfield accept ".co" also.



The screenshot shows the DemoQA Practice Form. On the left, there's a sidebar with navigation links: Elements, Forms, Practice Form (which is currently selected), and Alerts, Frame &. The main area is titled "Student Registration Form". It contains the following fields:

- Name: 123 (valid)
- Email: 876@gmail.co (valid)
- Gender: Female (selected)
- Mobile(10 Digits): 1234567890 (valid)
- Date of Birth: 18 Jul 2021 (valid)
- Subjects: (empty)
- Hobbies: Sports (checked), Reading (checked), Music (unchecked)

A sidebar advertisement for "Your Selenium Alternative for 2021" is visible on the right.

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YB007 : In DEMOQA website , in practice form module, Email idtextfield accept ".co"

Attach Create subtask Link issue qTest: Test Execution

Description

Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down upto forms module
- 4] click on forms module
- 5] After that. click on practice form
- 6] Enter valid first name : Yogita
- 7] Enter valid last name : Badhe
- 8] Enter valid Email Id : ybadhe0990@gmail.co
- 9] Enter valid Gender: Female
- 10] Enter valid Mobile number: 9689145560
- 11] Enter valid DOB : 09/04/1996
- 12] Enter valid subjects : Software Testing
- 13] Click on Hobbies : music, sport
- 14] click on choose image : N/A
- 15] Enter valid current address : abc
- 16] click on state: Rajasthan
- 17] click on city : jaipur
- 18] click on submit button : N/A

Expected Result : Email ID textfield should be accept ".com" and form submitted successfully.

Actual Result : Email ID textfield is also accept ".co" and form submitted successfully.

## DF03 : In DemoQA website ,in forms module, datepicker is not working properly.

The screenshot shows the TOOLS QA Practice Form. On the left, there's a sidebar with navigation links: 'Elements', 'Forms' (which is selected), 'Practice Form' (which is highlighted in blue), and 'Alerts, Frame & Iframe'. The main content area is titled 'Student Registration Form'. It contains the following fields:

- Name: 123, 456
- Email: 876@gmail.co
- Gender: Male (radio button)
- Mobile(10 Digits): 1234567890
- Date of Birth: 18 Jul 2021
- Subjects: (empty input field)
- Hobbies: Sports (checked), Reading (checked), Music (unchecked)

A sidebar on the right displays an advertisement for 'Your Selenium Alternative for 2021' with the text 'A stress-free automation solution for all' and a 'Learn More' button.

Projects / First\_batch\_Jira / FBJ-493

### YB008 : In DEMOQA Website , in practice form module , Datepicker is not working properly.

Attach Create subtask Link issue qTest: Test Execution

Description

Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down upto forms module
- 4] click on forms module
- 5] After that click on practice form
- 6] Enter valid first name : Yogita
- 7] Enter valid last name : Badhe
- 8] Enter valid Email Id : ybadhe0990@gmail.com
- 9] Enter valid Gender: Female
- 10] Enter valid Mobile number: 9689145560
- 11] Enter valid DOB: 09/04/1996
- 12] Enter valid subjects : Software Testing
- 13] Click on Hobbies: music , sport
- 14] click on choose image : N/A
- 15] Enter valid current address : nashik
- 16] click on state: Rajasthan
- 17] click on city: jaipur
- 18] click on submit button : N/A

Expected Result : Datepicker should not work properly and form submit successfully.

Actual Result : Date is overlapping and form submitted successfully.

## DFo4 : In DemoQA website , in forms module, subject textfield is not working properly.

The screenshot shows the 'Practice Form' section of the DemoQA website. On the left, there's a sidebar with navigation links: 'Elements', 'Forms' (which is currently selected), 'Practice Form', and 'Alerts, Frame &'. The main area is titled 'Student Registration Form' and contains the following fields:

- Name: 123, 456
- Email: 876@gmail.co
- Gender: Male (radio button)
- Mobile(10 Digits): 1234567890
- Date of Birth: 18 Jul 2021
- Subjects: (empty input field)
- Hobbies: Sports (checked), Reading (checked), Music (unchecked)

A sidebar on the right displays an advertisement for 'Your Selenium Alternative for 2021'.

Projects / First\_batch\_Jira / FBJ-494

### YB009: IN DEMOQA Website .in practice form module ,subject textfield is not working properly.

Attach Create subtask Link issue qTest: Test Execution

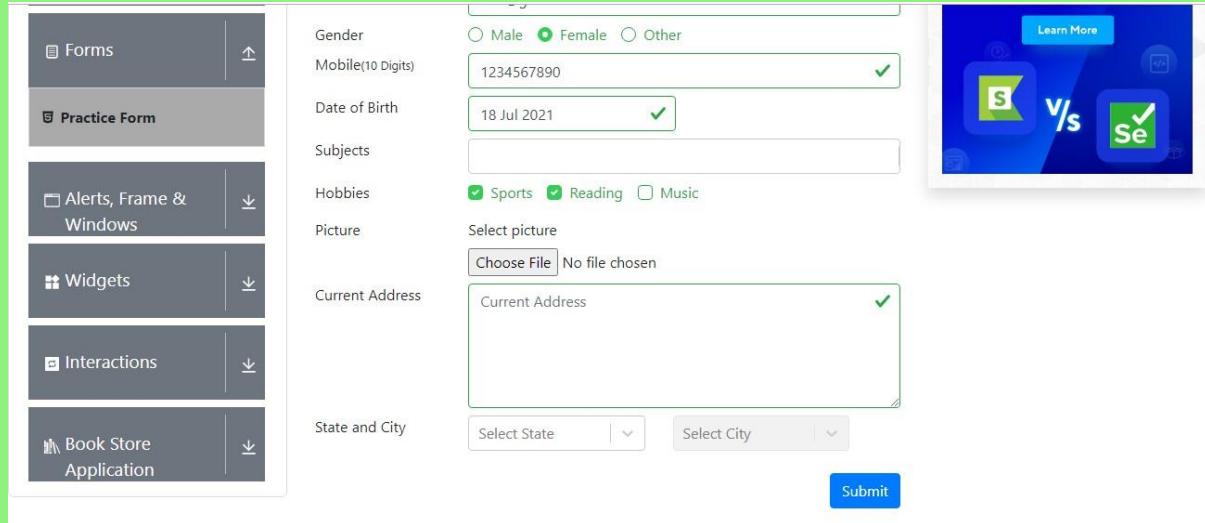
Description

Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down upto forms module
- 4] click on forms module
- 5] After that click on practice form
- 6] Enter valid first name : Yogita
- 7] Enter valid last name : Badhe
- 8] Enter valid Email Id : ybadhe0990@gmail.com
- 9] Enter valid Gender: Female
- 10] Enter valid Mobile number: 9689145560
- 11] Enter valid DOB : 09/04/1996
- 12] Enter valid subjects : Software Testing
- 13] Click on Hobbies: music , sport
- 14] click on choose image : N/A
- 15] Enter valid current address : abc
- 16] click on state: Rajasthan
- 17] click on city : jaipur
- 18] click on submit button : N/A

Expected Result : Subject textfield should be working properly and form submit successfully.  
Actual Result : Subject textfield is not working properly and form submitted successfully.

## DF05: In DemoQA Website , in forms module, Current address textfield accept blank data.



The screenshot shows a 'Forms' section on the left with several sub-sections: 'Practice Form', 'Alerts, Frame & Windows', 'Widgets', 'Interactions', and 'Book Store Application'. The 'Practice Form' section is expanded, showing fields for Gender (radio buttons for Male, Female, Other), Mobile (10 Digits) containing '1234567890', Date of Birth ('18 Jul 2021'), Subjects (empty input), Hobbies (checkboxes for Sports, Reading, Music, all checked), Picture (input placeholder 'Select picture' with 'Choose File' button and 'No file chosen'), Current Address (input placeholder 'Current Address' with a red border), State and City (dropdowns for 'Select State' and 'Select City'), and a 'Submit' button at the bottom right.

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### YB010 : In DEMOQA Website , in practice form module, Current address textfield accept blank data.

Attach  Create subtask  Link issue  qTest: Test Execution

Description

Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down upto forms module
- 4] click on forms module
- 5] After that click on practice form
- 6] Enter valid first name : Yogita
- 7] Enter valid last name : Badhe
- 8] Enter valid Email Id : ybadhe0990@gmail.com
- 9] Enter valid Gender: Female
- 10] Enter valid Mobile number: 9689145560
- 11] Enter valid DOB : 09/04/1996
- 12] Enter valid subjects : Software Testing
- 13] Click on Hobbies : music , sport
- 14] click on choose image : N/A
- 15] Enter valid current address : N/A
- 16] click on state: Rajasthan
- 17] click on city : jaipur
- 18] click on submit button : N/A

Expected Result : Current address should be accept blank data and form submitted successfully,  
Actual Result : Current address is accept blank data and submit form successfully.

## DFo6: In DemoQA website ,in forms module, Email,DOB,Hobbies textfield accepted blank data.

Student Registration Form

Name

Email

Gender

Mobile(10 Digits)

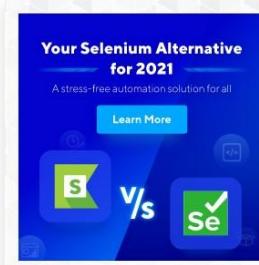
Date of Birth

Subjects

Hobbies

Picture

Current Address



Projects / First\_batch\_Jira / FBJ-496

YB011 : In DEMOQA website , in practice form module, Email ID , Hobbies , DOB Should be accept blank data.

Attach Create subtask Link issue qTest: Test Execution

Description

Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down upto forms module
- 4] click on forms module
- 5] After that click on practice form
- 6] Enter valid first name : Yogita
- 7] Enter valid last name : Badhe
- 8] Enter valid Email Id : N/A
- 9] Enter valid Gender: Female
- 10] Enter valid Mobile number: 9689145560
- 11] Enter valid DOB : N/A
- 12] Enter valid subjects : Software Testing
- 13] Click on Hobbies : N/A
- 14] click on choose image : N/A
- 15] Enter valid current address :
- 16] click on state: Rajasthan
- 17] click on city : jaipur
- 18] click on submit button : N/A

Expected Result : Email ID ,DOB and hobbies should be accept blank data and form submit successfully.

Actual Result : Email id ,DOB and hobbies is accepted blank data and form submitted successfully.

## DF07 : In DemoQA website ,in forms module, without selecting state and city forms also submitted.

Thanks for submitting the form

Label	Values
Student Name	123 123
Student Email	xyz@gmail.co
Gender	Female
Mobile	1234567890
Date of Birth	18 July,2021
Subjects	
Hobbies	Reading, Sports, Music
Picture	
Address	
State and City	

Projects / First\_batch\_Jira / FBI-497

### YB012 : In DEMOQA Website , in practice form module , state and city is not working properly.

Attach Create subtask Link issue qTest: Test Execution

Description

Steps :

- 1] Launch browser
- 2] Open URL : <https://demoqa.com/>
- 3] Scroll down upto forms module
- 4] click on forms module
- 5] After that click on practice form
- 6] Enter valid first name : Yogita
- 7] Enter valid last name : Badhe
- 8] Enter valid Email Id : ybadhe0990@gmail.com
- 9] Enter valid Gender: Female
- 10] Enter valid Mobile number: 9689145560
- 11] Enter valid DOB : 09/04/1996
- 12] Enter valid subjects : Software Testing
- 13] Click on Hobbies : music , sport
- 14] click on choose image : N/A
- 15] Enter valid current address : Nashik
- 16] click on state: N/A
- 17] click on city : N/A
- 18] click on submit button : N/A

Expected Result : State and city should not be working properly and it accept blank data and form submit successfully.

Actual Result : Without selecting state and city form is submitted .

## **MODULE 3 :ALERT,FRAME &WINDOW**

### **TC01 : Launch the browser .**

#### **Selenium WebDriver Test Script:**

```
System.setProperty("webdriver.gecko.driver", "C:\\\\Users\\\\dell\\\\Desktop\\\\selenium\njar\\\\geckodriver.exe");\nWebDriver w = new FirefoxDriver();\nSystem.out.println("Chrome browser launch successfully");
```

### **TC02 : Open the DemoQA Website.**

#### **Selenium WebDriver Test Script:**

```
w.get("https://demoqa.com/elements");
```

### **TC03 : To check the window is scroll down or not.**

#### **Selenium WebDriver Test Script:**

```
//Window scroll down\nJavascriptExecutor js = (JavascriptExecutor) w; //scrolling\njs.executeScript("window.scrollBy(0,400)");\nThread.sleep(2000);
```

### **TC04:To check the functionality of alert,frame & window module.**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/\ndiv[1]/div[3]/span[1]/div[1]/div[1]")).click();\nThread.sleep(2000);
```

### **TC05:To check the functionality of browse window module in alert ,frame & window module.**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//span[contains(text(),'Browser Windows')]")).click();\nThread.sleep(2000);\nTC03: To check the functionality of new tab button in browse window module\nw.findElement(By.id("tabButton")).click();\nSet <String> window1=w.getWindowHandles();\nIterator <String> it1=window1.iterator();
```

```
String par_win1=it1.next();
String child_win1=it1.next();
w.switchTo().window(par_win1);
Thread.sleep(1000);

w.switchTo().window(child_win1);
System.out.println(w.findElement(By.id("sampleHeading")).getText());
System.out.println("new tab opened");
w.switchTo().window(par_win1);
```

### **TC06: To check the functionality of new window button in browse window module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("windowButton")).click();

Set <String> window2=w.getWindowHandles();
Iterator <String> it2=window2.iterator();

String par_win2=it2.next();
String child_win2=it2.next();

w.switchTo().window(par_win2);

Thread.sleep(1000);
w.switchTo().window(child_win2);
System.out.println(w.findElement(By.id("sampleHeading")).getText());
System.out.println("New window opened");
w.switchTo().window(par_win2);
```

### **TC07: To check the functionality of new window message button in browse window module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("messageWindowButton")).click();

Set <String> window3=w.getWindowHandles();
Iterator <String> it3=window3.iterator();

String par_win3=it3.next();
String child_win3=it3.next();

w.switchTo().window(par_win3);

Thread.sleep(1000);
```

```
w.switchTo().window(child_win3);
System.out.println(w.findElement(By.xpath("/html[1]/body[1]")).getText());
System.out.println("New Message window opened");
Thread.sleep(1000);
w.switchTo().window(par_win3);
```

### **TC08: To check the functionality of new alert module in alert,frame & window module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//span[contains(text(),'Alerts')]")).click();
Thread.sleep(2000);
```

### **TC09: To check the functionality of click me button in alert module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("alertButton")).click();
Thread.sleep(1000);
```

### **TC10: To check the functionality of click me (Simple alert) button in alert module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("alertButton")).click();
Thread.sleep(1000);

//for accepting simple alert
Alert a11=w.switchTo().alert();

System.out.println(a11.getText());
System.out.println("Simple Alert");

a11.accept();
System.out.println("Simple Alert accepted");
```

### **TC11: To check the functionality of click me button (wait alert) in alert module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("timerAlertButton")).click();
Thread.sleep(6000);
//for accepting wait alert
Alert a2=w.switchTo().alert();
System.out.println(a2.getText());
System.out.println("wait alert");
a2.accept();
System.out.println("wait Alert accepted");
```

### **TC12: To check the functionality of click me button (Confirm alert) in alert module**

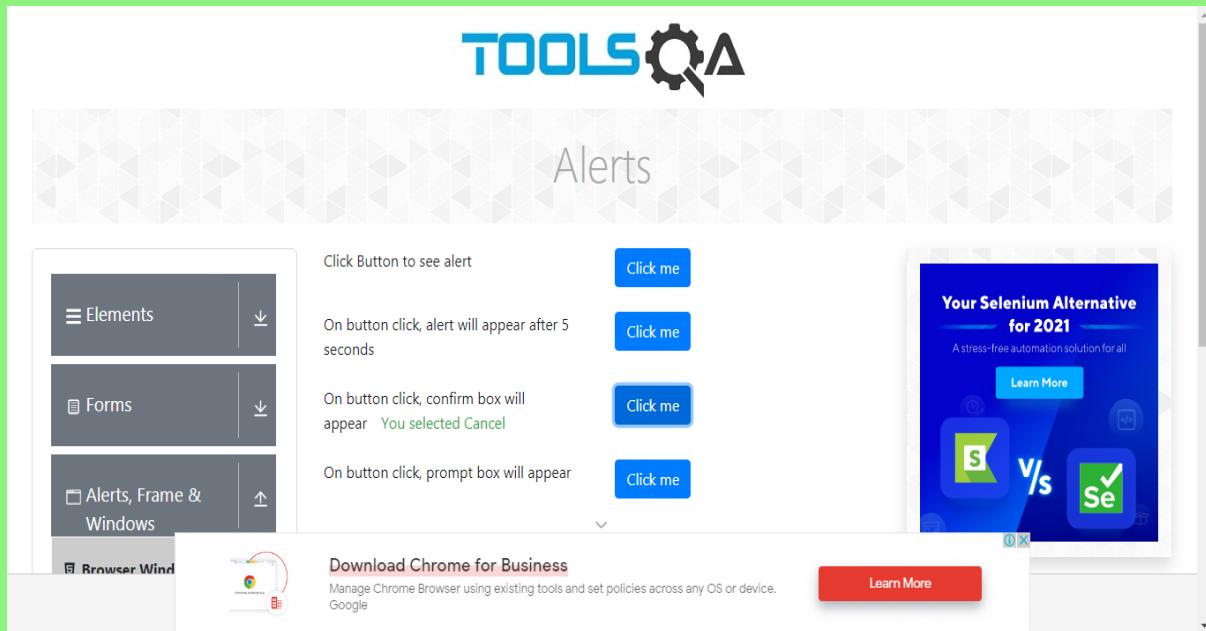
#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("confirmButton")).click();
Thread.sleep(1000);
Alert a3=w.switchTo().alert();
System.out.println(a3.getText());
Thread.sleep(1000);
System.out.println("confirm alert");
a3.accept();
System.out.println("confirm Alert accepted");
```

### **TC13: To check the functionality of click me button (dismiss Confirm alert) in alert module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("confirmButton")).click();
Thread.sleep(1000);
a3=w.switchTo().alert();
System.out.println(a3.getText());
Thread.sleep(1000);
System.out.println("confirm alert");
a3.dismiss();
System.out.println("confirm Alert dismissed");
```



## TC14: To check the functionality of click me button (accept prompt alert) in alert module

### Selenium WebDriver Test Script:

```
w.findElement(By.id("promptButton")).click();
Thread.sleep(1000);
Alert a4=w.switchTo().alert();
a4.sendKeys("abc123");
System.out.println(a4.getText());
Thread.sleep(1000);
System.out.println("prompt alert");
a4.accept();
System.out.println("prompt Alert accepted");
```



### **TC15: To check the functionality of click me button (dismiss prompt alert) in alert module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("promptButton")).click();
Thread.sleep(1000);
a4=w.switchTo().alert();
a4.sendKeys("madhuri");
System.out.println(a4.getText());
Thread.sleep(1000);
System.out.println("prompt alert");
a4.dismiss();
System.out.println("prompt Alert dismissed");
```

### **TC16: To check the functionality of frame module alert,frame & in alert module**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[3]/div[1]/ul[1]/li[3]/span[1]")).click();
w.switchTo().frame("frame1");
System.out.println(w.findElement(By.id("sampleHeading")).getText());
System.out.println("from frame1");
w.switchTo().defaultContent();
w.switchTo().frame("frame2");
System.out.println(w.findElement(By.xpath("//h1[@id='sampleHeading']")).getText());
System.out.println("from frame2");
```

### **TC17: To check the how many ifrane are available.**

#### **Selenium WebDriver Test Script:**

```
List<WebElement> l=w.findElements(By.tagName("iframe"));
System.out.println("Total iframes="+ l.size());
```

## **TC18: To check the functionality of nested frame module in alert,frame & window module.**

### **Selenium WebDriver Test Script:**

```
w.navigate().back();

JavascriptExecutor js = (JavascriptExecutor) w;
js.executeScript("window.scrollBy(0,1500)");

w.findElement(By.xpath("//html[1]/body[1]/div[2]/div[1]/div[1]/div[2]/div[1]/div[1]
/div[1]/div[3]/div[1]/ul[1]/li[4]/span[1]")).click();
```

## **TC19: To check how many nested frame are available**

### **Selenium WebDriver Test Script:**

```
List<WebElement> l2=w.findElements(By.tagName("iframe"));

System.out.println("Total iframes in nested iframes=" + l2.size());
```

## **TC20: To check the functionality of model dialog module in alert,frame & window module.**

### **Selenium WebDriver Test Script:**

```
w.get("https://demoqa.com/modal-dialogs");
```

## **TC21: To check the functionality of small model button in model dialog module.**

### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("showSmallModal")).click();
System.out.println(w.findElement(By.xpath("/html/body/div[4]/div/div/div[2]")).g
etText());
w.findElement(By.id("closeSmallModal")).click();
```

## **TC22: To check the functionality of large model button in model dialog module.**

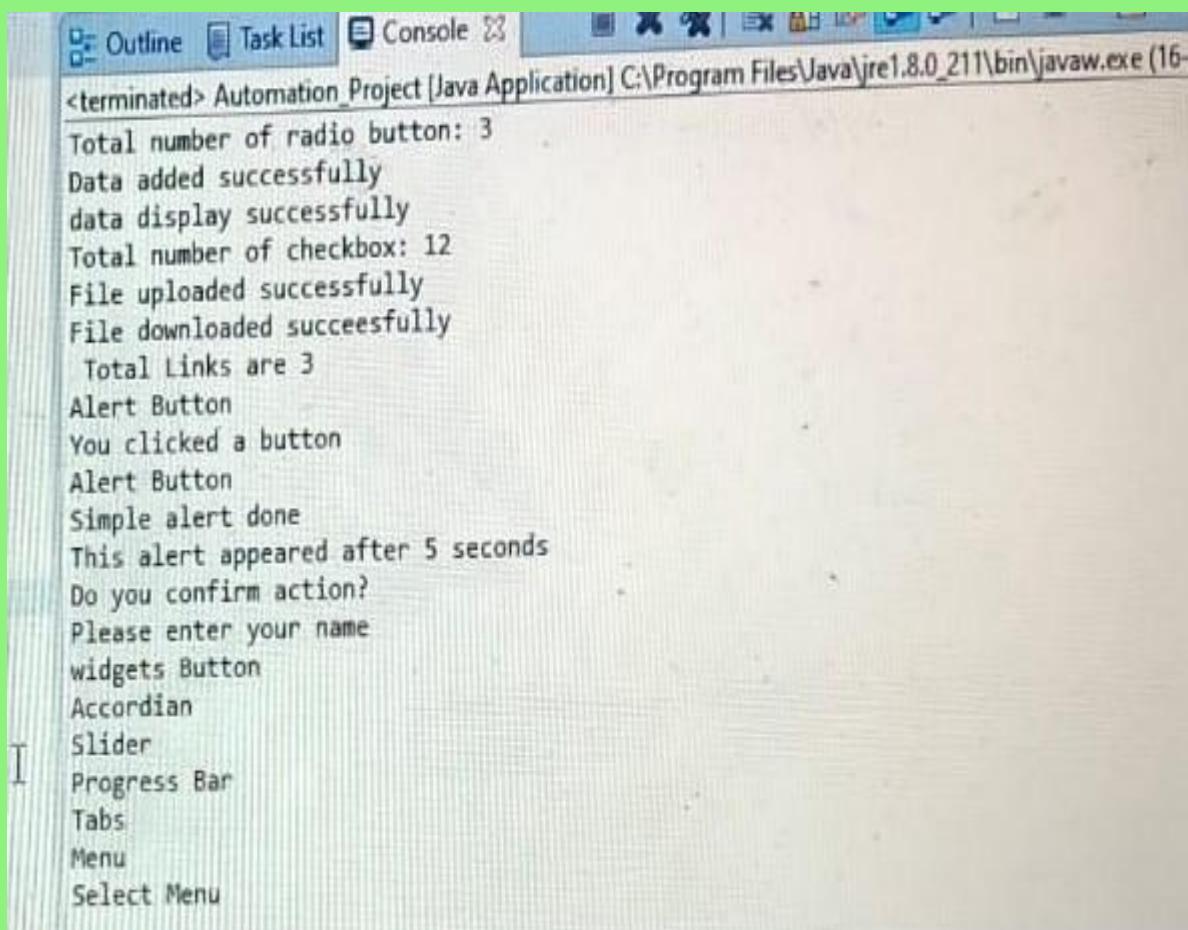
### **Selenium WebDriver Test Script:**

```
w.findElement(By.id("showLargeModal")).click();

System.out.println(w.findElement(By.xpath("//p[contains(text(),'Lorem Ipsum is
simply dummy text of the printing a')]")).getText());
```

```
w.findElement(By.id("closeLargeModal")).click();
```

## Console Window of Alert,Frame,& window Module



The screenshot shows the Eclipse IDE's Console view with the following log output:

```
<terminated> Automation_Project [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (16-  
Total number of radio button: 3  
Data added successfully  
data display successfully  
Total number of checkbox: 12  
File uploaded successfully  
File downloaded successfully  
Total Links are 3  
Alert Button  
You clicked a button  
Alert Button  
Simple alert done  
This alert appeared after 5 seconds  
Do you confirm action?  
Please enter your name  
widgets Button  
Accordion  
Slider  
Progress Bar  
Tabs  
Menu  
Select Menu
```

## MODULE 4:WIDGET

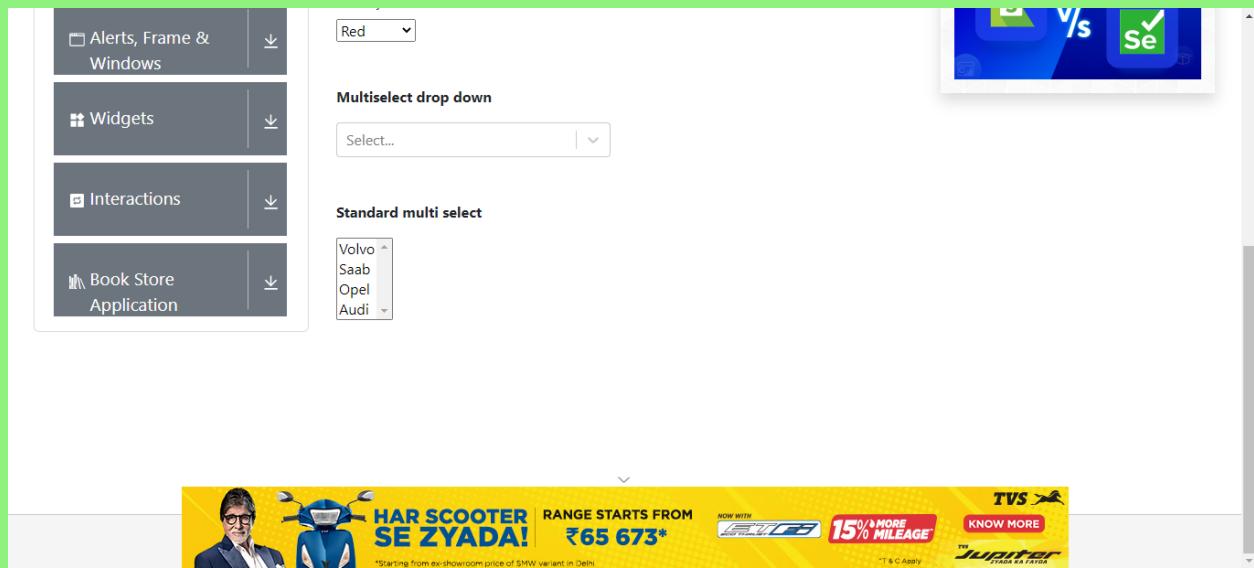
### **TCo1: To check the functionality of widgets module .**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/span[1]/div[1]")).click();
Thread.sleep(5000);

//w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/span[1]/div[1]")).click();
//Thread.sleep(5000);

TakesScreenshot t51 =(TakesScreenshot) w;
File srcc51 = t51.getScreenshotAs(OutputType.FILE);
Files.copy(srcc51, new File("F:\\Screenshot\\\\accordian.png"));
```



### **TCo2: To check the functionality of accordance module in widgets module.**

#### **Selenium WebDriver Test Script:**

```
JavascriptExecutor jss1= (JavascriptExecutor) w;
jss1.executeScript("window.scrollBy(0,2000)");

w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[1]")).click();
Thread.sleep(5000);
System.out.println("widgets Button");
```

## TC03: To get the title

### Selenium WebDriver Test Script:

```
String name1=
w.findElement(By.xpath("//div[contains(text(),'Accordian')]")).getText();
System.out.println(name1);
```

## TC04:To check the functionality of what is lorem ipsum in accordance module.

### Selenium WebDriver Test Script:

```
w.findElement(By.id("section1Heading")).click();
Thread.sleep(5000);
```

TC05: To check the functionality of where does it come from in accordance module.

```
w.findElement(By.xpath("//div[@id='section2Heading']")).click();
```

```
Thread.sleep(5000);
```

```
w.findElement(By.id("section2Heading")).click();
```

```
Thread.sleep(5000);
```

## TC05:To check the functionality of why do we use it in accordance module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//div[@id='section3Heading']")).click();
Thread.sleep(5000);
```

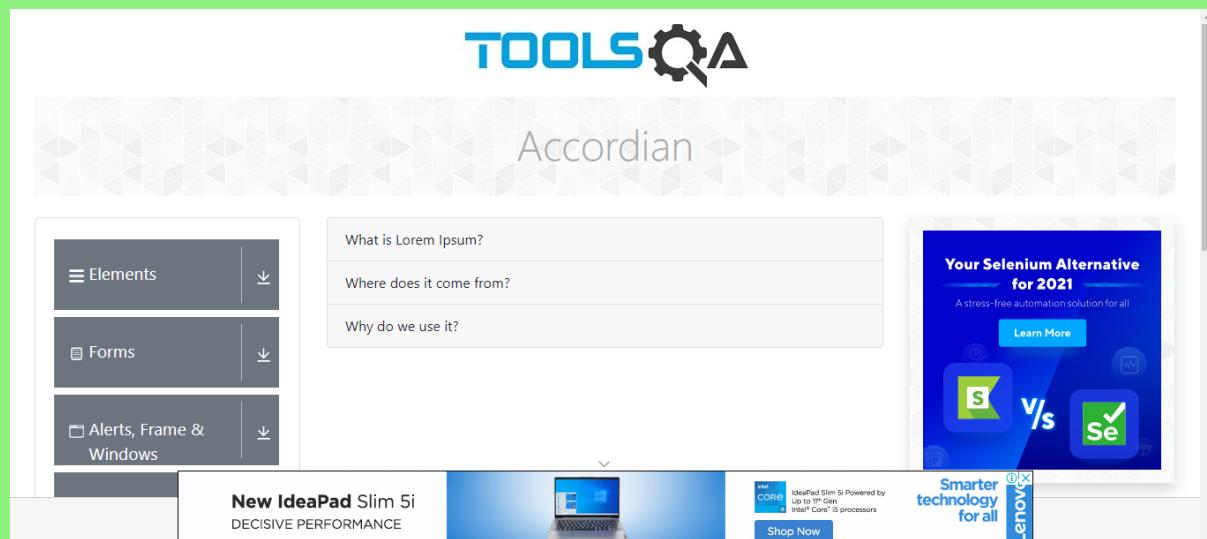
```
w.findElement(By.id("section3Heading")).click();
```

```
Thread.sleep(5000);
```

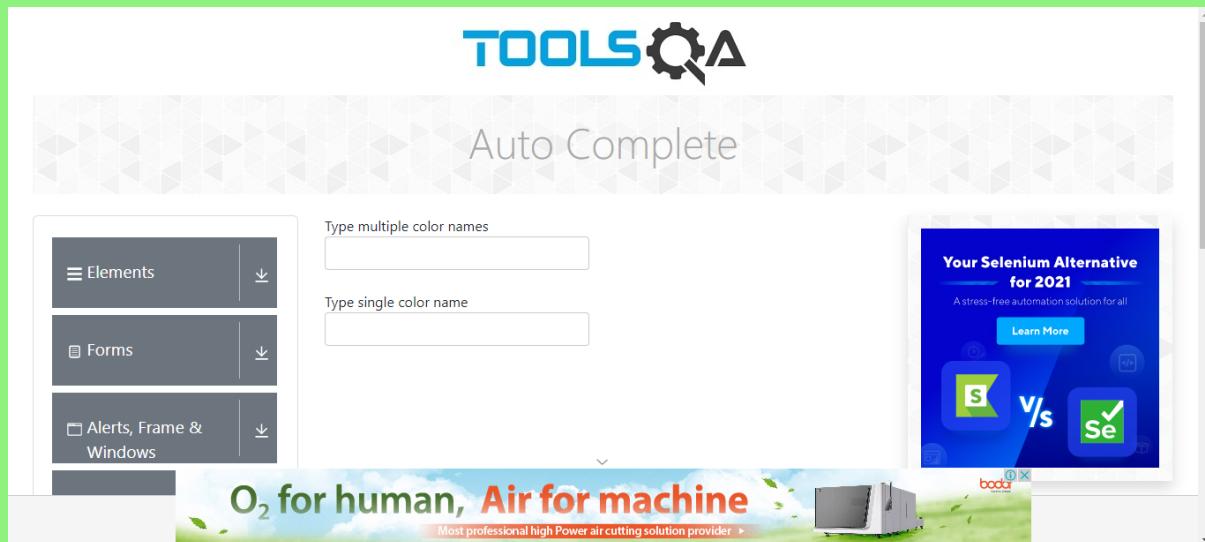
```
TakesScreenshot t52 =(TakesScreenshot) w;
```

```
File srcc52 = t52.getScreenshotAs(OutputType.FILE);
```

```
Files.copy(srcc52, new File("F:\\Screenshot\\\\accordian.png"));
```



## Defect: Unable to select Color



## TC06: To check the functionality of vertical scroll down in accordance module.

### Selenium WebDriver Test Script:

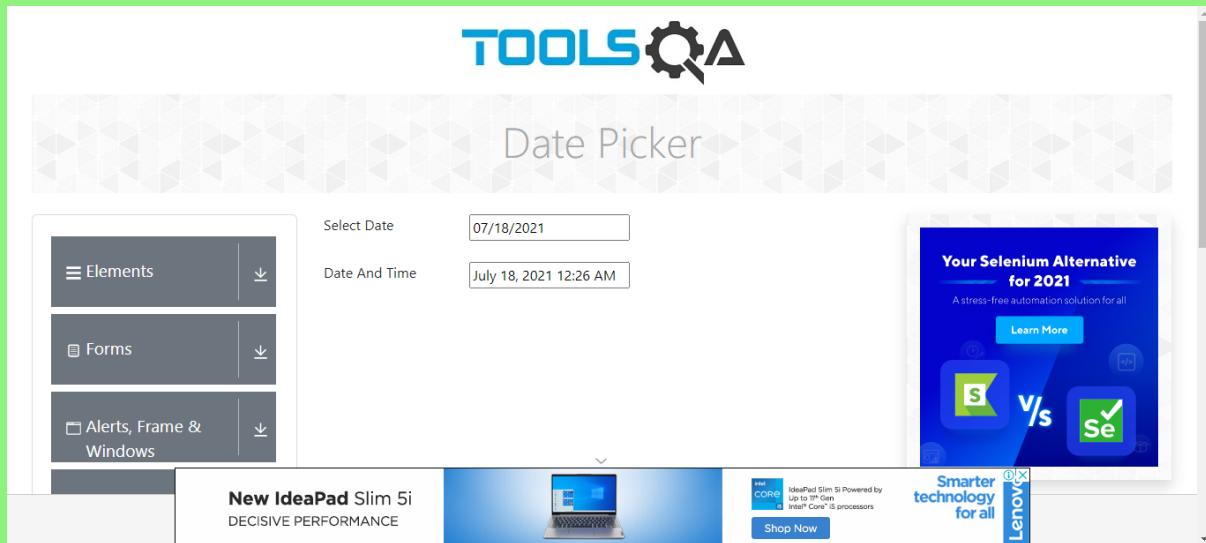
```
JavascriptExecutor js1= (JavascriptExecutor) w;  
js1.executeScript("window.scrollBy(0,2000);")
```

## TC07: To check the functionality of Date Picker module in widgets module.

### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//span[contains(text(),'Date Picker')]")).click();  
Thread.sleep(5000);
```

```
TakesScreenshot t56 =(TakesScreenshot) w;  
File srcc56 = t56.getScreenshotAs(OutputType.FILE);  
Files.copy(srcc56, new File("F:\\Screenshot\\\\Date.png"));
```



## Defect: Unable to select Date

**TC08 :To check the functionality of scroll down.**

### Selenium WebDriver Test Script:

```
JavascriptExecutor jss11= (JavascriptExecutor) w;
jss11.executeScript("window.scrollBy(0,2000);")
```

**To9:To check the functionality of slider module in widget module.**

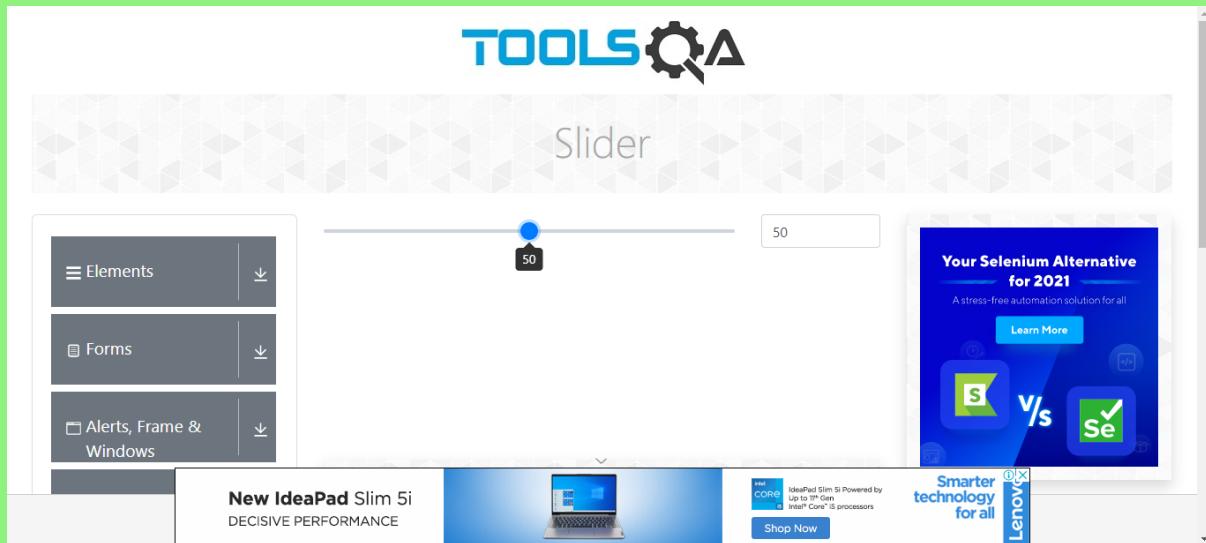
### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[4]")).click();
Thread.sleep(5000);
```

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/form[1]/div[1]/div[1]/span[1]/input[1]")).click();
Thread.sleep(5000);
```

```
TakesScreenshot t53 =(TakesScreenshot)
File srcc53 = t53.getScreenshotAs(OutputType.FILE);
Files.copy(srcc53, new File("F:\\Screenshot\\slider.png"));
```

```
String name2= w.findElement(By.xpath("//div[contains(text(),'Slider')]")).getText();
System.out.println(name2);
```



## Defect: Unable to select slider on another no

### TC10 :To check the functionality of scroll down.

#### Selenium WebDriver Test Script:

```
JavascriptExecutor js2= (JavascriptExecutor) w;  
js2.executeScript("window.scrollBy(0,2000);");
```

### TC11:To check the functionality of progress bar module in widget module.

#### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[5]")).click();  
Thread.sleep(5000);
```

### TC12: To check the functionality of start button in progress bar module.

#### Selenium WebDriver Test Script:

```
w.findElement(By.id("startStopButton")).click();  
Thread.sleep(5000);
```

```
w.findElement(By.xpath("//button[@id='startStopButton']")).click();  
Thread.sleep(5000);
```

### TC13:To check the functionality of start button(To stop progress bar) in progress module.

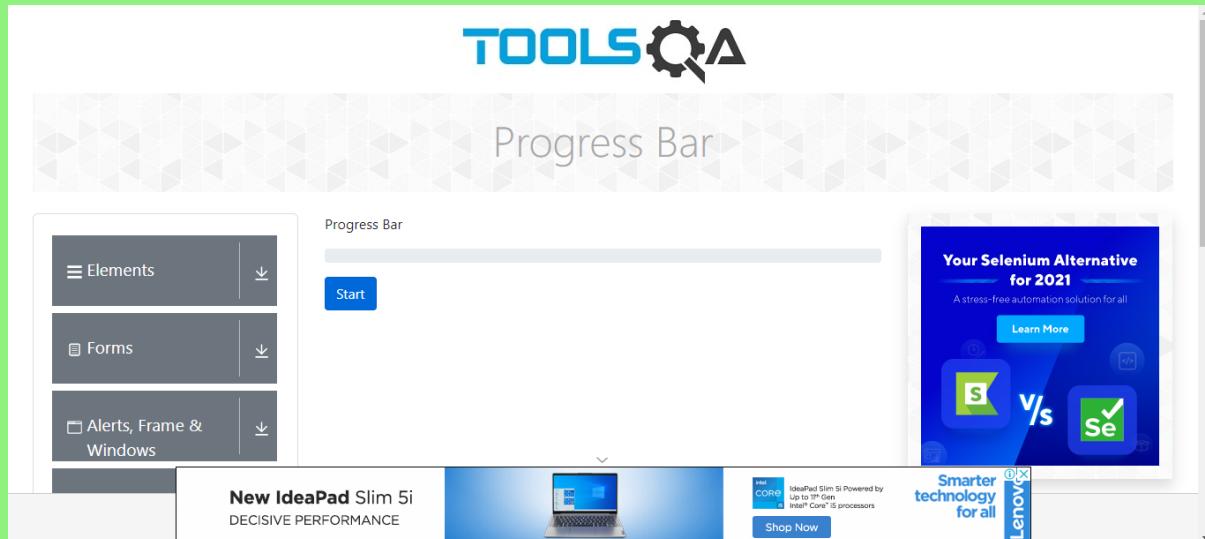
### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//button[@id='startStopButton']")).click();
Thread.sleep(5000);
```

### TC14: To check the functionality of reset button in progress bar module.

### Selenium WebDriver Test Script:

```
w.findElement(By.id("resetButton")).click();
Thread.sleep(5000);
TakesScreenshot t54 =(TakesScreenshot) w;
File srcc54 = t54.getScreenshotAs(OutputType.FILE);
Files.copy(srcc54, new File("F:\\Screenshot\\bar.png"));
```



### TC15: To get the title from progress bar.

### Selenium WebDriver Test Script:

```
String name3=
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]")).getText();
System.out.println(name3);
```

### TC16: To check the functionality of scroll down.

### Selenium WebDriver Test Script:

```
JavascriptExecutor js3= (JavascriptExecutor) w;
js3.executeScript("window.scrollBy(0,2000)");
```

## **TC17:To check the functionality of tabs module in widgets module.**

### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[6]")).click();  
Thread.sleep(5000);
```

## **TC18: To check the functionality of origin tab in tabs module.**

### **Selenium WebDriver Test Script:**

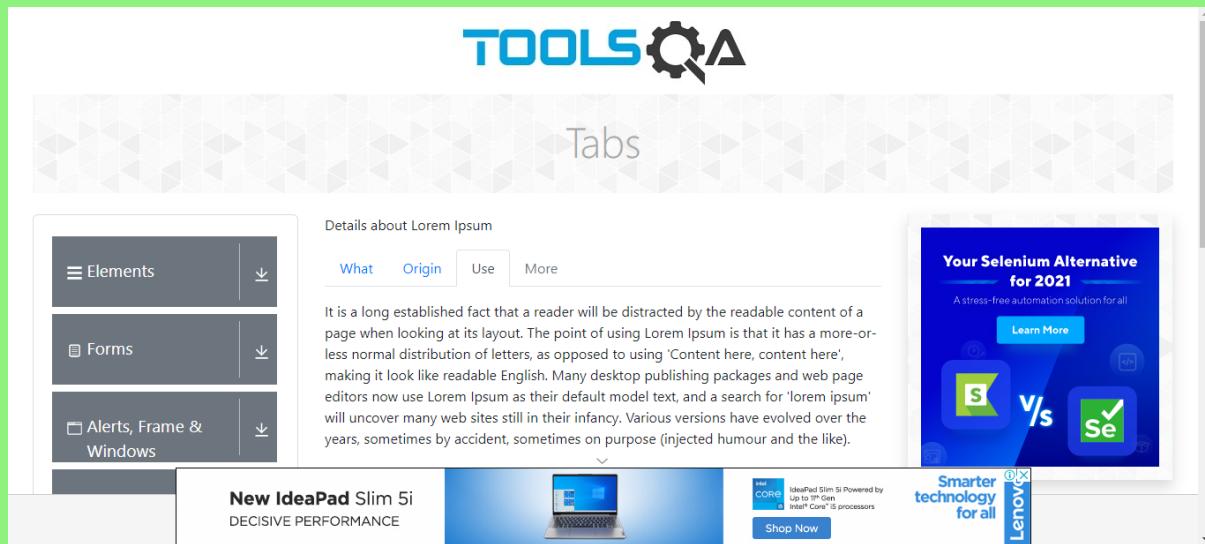
```
w.findElement(By.xpath("//a[@id='demo-tab-origin']")).click();  
Thread.sleep(5000);
```

## **TC19:To check the functionality of Use tab in tabs module.**

### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//a[@id='demo-tab-use']")).click();  
Thread.sleep(5000);
```

```
TakesScreenshot t55 =(TakesScreenshot) w;  
File srcc55 = t55.getScreenshotAs(OutputType.FILE);  
Files.copy(srcc55, new File("F:\\Screenshot\\\\tabs.png"));
```



## **TC20:To check the functionality of get title.**

### **Selenium WebDriver Test Script:**

```
String name4= w.findElement(By.xpath("//div[contains(text(),'Tabs')]")).getText();
```

```
System.out.println(name4);
```

### **TC21: To check the functionality of scroll down.**

#### **Selenium WebDriver Test Script:**

```
JavascriptExecutor js4= (JavascriptExecutor) w;  
js4.executeScript("window.scrollBy(0,2000)");
```

### **TC22: To check the functionality of menu module in widget module.**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[8]")).click();  
Thread.sleep(5000);  
TC23: To check the functionality of main item 2 in menu module.  
Actions act=new Actions(w);  
act.moveToElement(w.findElement(By.linkText("Main Item 2"))).perform();  
Thread.sleep(5000);
```

### **TC23:To check the functionality of sub item list in menu item 2 module.**

#### **Selenium WebDriver Test Script:**

```
Actions act1=new Actions(w);  
act1.moveToElement(w.findElement(By.xpath("//a[contains(text(),'SUB SUB LIST »')]"))).perform();  
Thread.sleep(5000);
```

### **TC24:To check the functionality of sub sub item 1 in menu item 2 module.**

#### **Selenium WebDriver Test Script:**

```
Actions act2=new Actions(w);  
act2.moveToElement(w.findElement(By.linkText("Sub Sub Item 1"))).perform();  
Thread.sleep(5000);
```

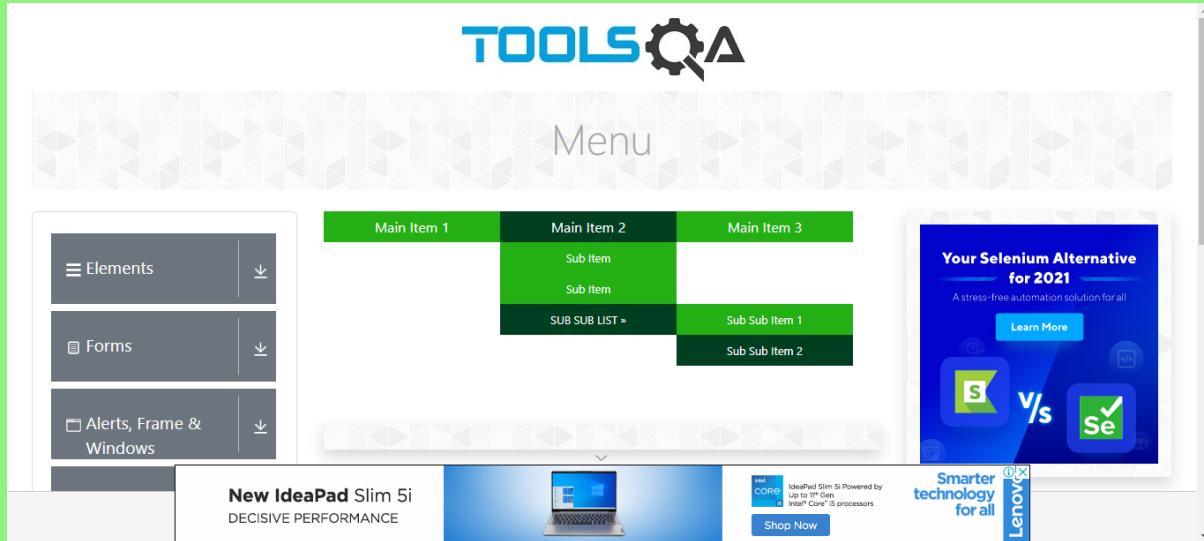
### **TC25: To check the functionality of sub sub item 2 in menu item 2 module.**

#### **Selenium WebDriver Test Script:**

```

Actions act3=new Actions(w);
act3.moveToElement(w.findElement(By.linkText("Sub Sub Item 2"))).perform();
Thread.sleep(5000);
TakesScreenshot t91 =(TakesScreenshot) w;
File srcc91 = t91.getScreenshotAs(OutputType.FILE);
Files.copy(srcc91, new File("F:\\Screenshot\\menu.png"));

```



## TC26: To get the title .

### Selenium WebDriver Test Script:

```

String name5= w.findElement(By.xpath("//div[contains(text(),'Menu')]")).getText();
System.out.println(name5);

```

## TC27: To check the functionality of scroll down.

### Selenium WebDriver Test Script:

```

JavascriptExecutor js5= (JavascriptExecutor) w;
js5.executeScript("window.scrollBy(0,2000)");

```

## TC28:To check the functionality of select menu module in widget module.

### Selenium WebDriver Test Script:

```

w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[9]")).click();
Thread.sleep(5000);

```

```
String name6=
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]")).getText();
System.out.println(name6);
```

### **TC29: To check the functionality of select value drop down in select menu module.**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]/div[2]/div[1]/div[1]/div[1]/div[1]")).click();
Thread.sleep(5000);

w.findElement(By.xpath("//div[contains(text(),'Group 2, option 1')]")).click();
Thread.sleep(5000);
```

### **TC30:To check the functionality of select title drop down in select menu module.**

#### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[2]/div[1]/div[4]/div[1]/div[1]/div[1]/div[1]")).click();
Thread.sleep(5000);

w.findElement(By.xpath("//div[contains(text(),'Mrs.')]")).click();
Thread.sleep(5000);
```

### **TC31:To check the functionality of select colour drop down in select menu module.**

#### **Selenium WebDriver Test Script:**

```
Select s1 = new Select(w.findElement(By.id("oldSelectMenu")));
s1.selectByVisibleText("Purple");
Thread.sleep(5000);
```

### **TC32:To check the functionality of scroll down.**

#### **Selenium WebDriver Test Script:**

```
JavascriptExecutor jss9=(JavascriptExecutor)w;
jss9.executeScript("window.scrollTo(0,5000);")
```

## TC33 :To check the functionality of multi select drop down in select menu module.

### Selenium WebDriver Test Script:

```
//w.navigate().refresh();
Thread.sleep(5000);

w.findElement(By.xpath("//div[contains(text(),'Select...')]")).click();
Thread.sleep(5000);

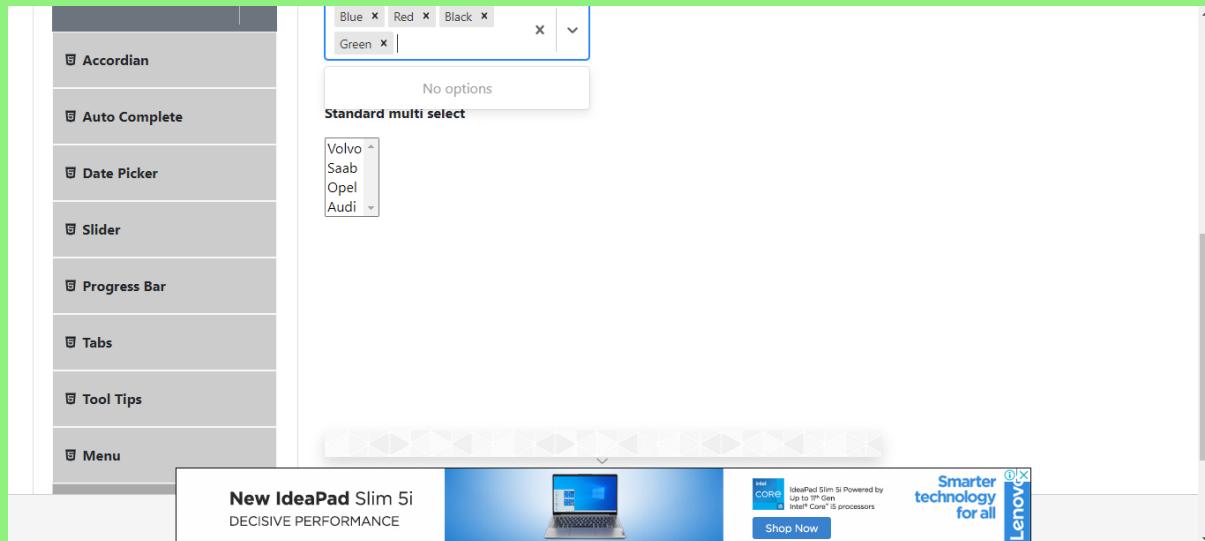
w.findElement(By.xpath("//div[contains(text(),'Blue')]")).click();
Thread.sleep(5000);

w.findElement(By.xpath("//div[contains(text(),'Red')]")).click();
Thread.sleep(5000);

w.findElement(By.xpath("//div[contains(text(),'Black')]")).click();
Thread.sleep(5000);
w.findElement(By.xpath("//div[contains(text(),'Green')]")).click();
Thread.sleep(5000);

TakesScreenshot t57 =(TakesScreenshot) w;
File srcc57 = t57.getScreenshotAs(OutputType.FILE);
Files.copy(srcc57, new File("F:\\Screenshot\\\\SMenu.png"));


```



### Defect: Unable to select Last Option

## **MODULE 5 : INTERACTION**

**TC01:To check the functionality of interaction module .**

**Selenium WebDriver Test Script:**

```
JavascriptExecutor js2=(JavascriptExecutor)w;
js2.executeScript("window.scrollTo(0,5000)");
w.findElement(By.xpath("//*[@id='app']/div/div/div[2]/div[1]/div/div/div[5]/span/div/div[1]").click();
Thread.sleep(2000);
```

**TC02: to verify & back to the interaction module page**

**Selenium WebDriver Test Script:**

```
w.navigate().back();
```

**TC03: To check the functionality of Sortable module in interaction module**

**Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[5]/div[1]/ul[1]/li[1]").click();
```

**TC04:To verify & display URL of current page of browser**

**Selenium WebDriver Test Script:**

```
System.out.println(w.getCurrentUrl());
```

**TC05:To check the functionality of List in sortable module**

**Selenium WebDriver Test Script:**

```
w.findElement(By.id("demo-tab-list")).click();
Thread.sleep(2000);
WebElement drag = w.findElement(By.xpath("//*[@id='demo-tabpane-list']/div/div[1]"));

WebElement drop = w.findElement(By.xpath("//*[@id='demo-tabpane-list']/div/div[6]"));
Actions ac =new Actions(w);
ac.dragAndDrop(drag, drop).build().perform();

Thread.sleep(2000);
```

```

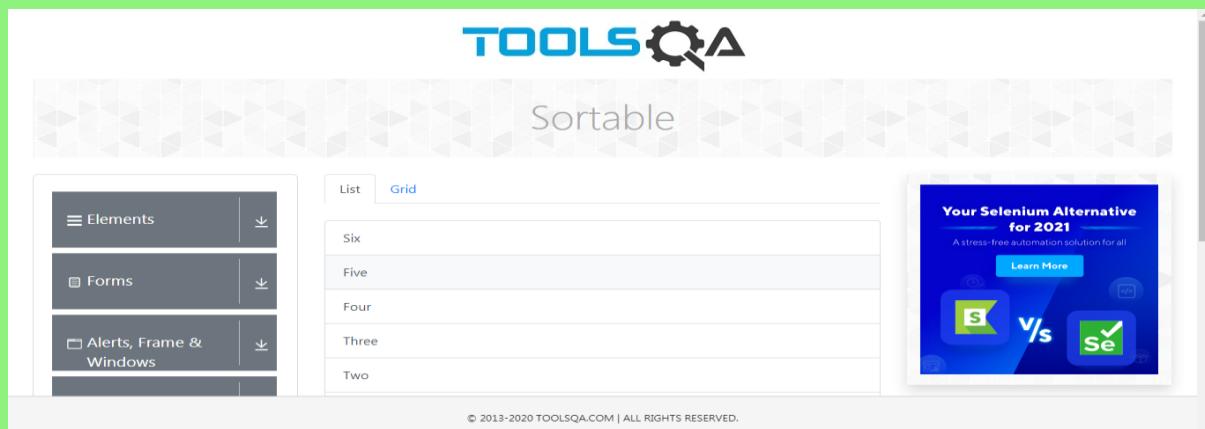
WebElement drag1 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[1]"));
WebElement drop1 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[5]"));
ac.dragAndDrop(drag1, drop1).build().perform();

Thread.sleep(2000);
WebElement drag2 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[1]"));
WebElement drop2 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[4]"));
ac.dragAndDrop(drag2, drop2).build().perform();

Thread.sleep(2000);
WebElement drag3 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[1]"));
WebElement drop3 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[3]"));
ac.dragAndDrop(drag3, drop3).build().perform();

Thread.sleep(2000);
WebElement drag4 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[1]"));
WebElement drop4 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-list\"]//div/div[2]"));
ac.dragAndDrop(drag4, drop4).build().perform();
System.out.println(" List is sorted");

```



## TC06:to check the functionality of Grid module in sortable module

### Selenium WebDriver Test Script:

```

w.findElement(By.id("demo-tab-grid")).click();
Thread.sleep(3000);
w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]//div/div/div[5]")).click();
Thread.sleep(2000);

```

```

WebElement drag5 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
WebElement drop5 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
Actions ac1=new Actions(w);
ac1.dragAndDrop(drag5, drop5).build().perform();

Thread.sleep(2000);
WebElement drag6 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
WebElement drop6 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[2]"));
ac1.dragAndDrop(drag6, drop6).build().perform();

Thread.sleep(2000);
WebElement drag7 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
WebElement drop7 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[3]"));
ac1.dragAndDrop(drag7, drop7).build().perform();

Thread.sleep(2000);
WebElement drag8 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
WebElement drop8 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[4]"));
ac1.dragAndDrop(drag8, drop8).build().perform();
Thread.sleep(2000);
WebElement drag9 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
WebElement drop9 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[5]"));
ac1.dragAndDrop(drag9, drop9).build().perform();

Thread.sleep(2000);
WebElement drag10 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
WebElement drop10 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[6]"));
ac1.dragAndDrop(drag10, drop10).build().perform();

Thread.sleep(2000);
WebElement drag11 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[1]"));
WebElement drop11 = w.findElement(By.xpath("//*[@id=\"demo-tabpane-grid\"]/div/div/div[7]"));
ac1.dragAndDrop(drag11, drop11).build().perform();

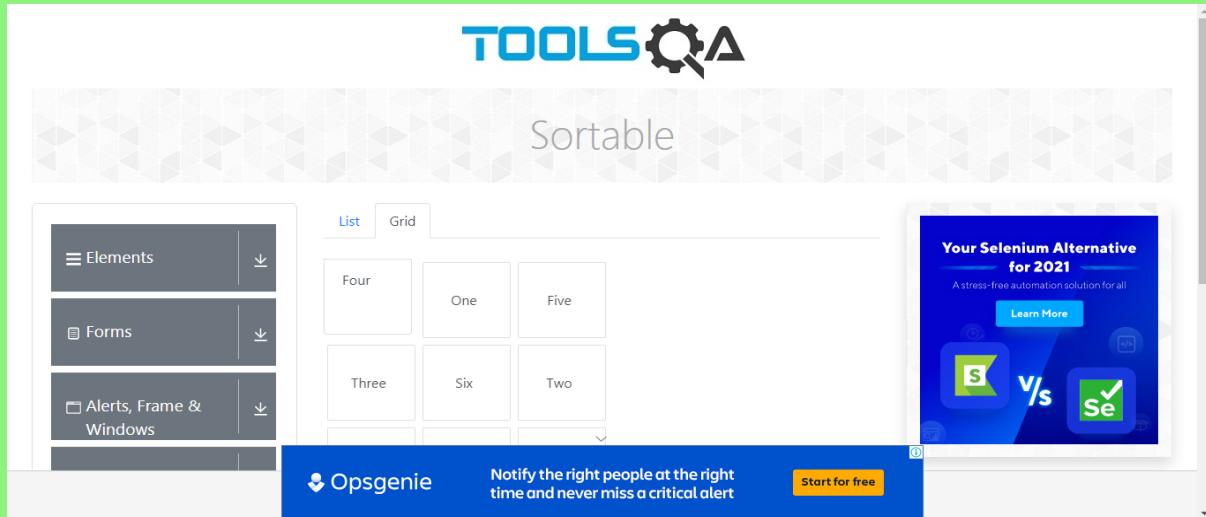
Thread.sleep(2000);

```

```

WebElement drag12 = w.findElement(By.xpath("//*[@id='demo-tabpane-grid']/div/div/div[1]"));
WebElement drop12 = w.findElement(By.xpath("//*[@id='demo-tabpane-grid']/div/div/div[8]"));
ac1.dragAndDrop(drag12, drop12).build().perform();
System.out.println("Grid is Sorted");

```



## **TCo7:To check the functionality of Selectable module in Interaction module**

### **Selenium WebDriver Test Script:**

```

JavascriptExecutor js6=(JavascriptExecutor)w;
js6.executeScript("window.scrollTo(0,5000)");
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[5]/div[1]/ul[1]/li[2]")).click();
Thread.sleep(2000);
System.out.println(w.getCurrentUrl());
Thread.sleep(2000);

```

## **TCo8:To check the functionality of List module in Selectable module**

### **Selenium WebDriver Test Script:**

```

w.findElement(By.xpath("//*[@id='verticalListContainer']/li[1]")).click();
Thread.sleep(2000);

w.findElement(By.xpath("//*[@id='verticalListContainer']/li[2]")).click();
Thread.sleep(2000);

w.findElement(By.xpath("//*[@id='verticalListContainer']/li[3]")).click();

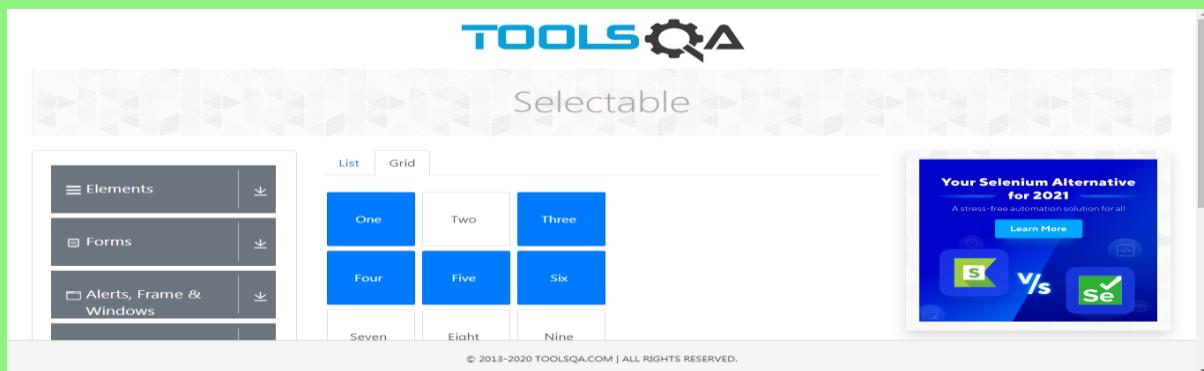
```

## **TC09:To check the functionality of Grid module in Selectable module**

### **Selenium WebDriver Test Script:**

```
w.findElement(By.xpath("//*[@id='demo-tab-grid']")).click();
Thread.sleep(2000);
w.findElement(By.xpath("//*[@id='row1']/li[1]")).click();
w.findElement(By.xpath("//*[@id='row2']/li[3]")).click();
w.findElement(By.xpath("//*[@id='row2']/li[1]")).click();
w.findElement(By.xpath("//*[@id='row2']/li[2]")).click();
w.findElement(By.xpath("//*[@id='row1']/li[3]")).click();
```

### **Defect :Unable to select row 3 (7,8,9 Grid ).**



## **TC10:To check the functionality of resizable module in Interaction module**

### **Selenium WebDriver Test Script:**

```
JavascriptExecutor js7=(JavascriptExecutor)w;
js7.executeScript("window.scrollTo(0,5000);");
```

## **TC11: to display URL of current page of browser**

### **Selenium WebDriver Test Script:**

```
System.out.println(w.getCurrentUrl());
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[5]/div[1]/ul[1]/li[3]")).click();
```

```
WebElement element =
w.findElement(By.xpath("//*[@id='resizableBoxWithRestriction']/span"));
Actions a= new Actions(w);
a.dragAndDropBy(element,100,160).perform();
Thread.sleep(2000);
```

```

JavascriptExecutor js3=(JavascriptExecutor)w;
js3.executeScript("window.scrollTo(0,1000)");
System.out.println("window is scrolled ");
Thread.sleep(2000);
WebElement element1 = w.findElement(By.xpath("//*[@id='resizable']/span"));
a.dragAndDropBy(element1,100,180).perform();

```



## **TC12: To check the functionality of Droppable module in Interaction module**

### **Selenium WebDriver Test Script:**

```

w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[5]/div[1]/ul[1]/li[4]")).click();
Thread.sleep(2000);
System.out.println(w.getCurrentUrl());

```

## **TC13: To check the functionality of Simple button in Droppable module**

### **Selenium WebDriver Test Script:**

```

w.findElement(By.id("droppableExample-tab-simple")).click();
Thread.sleep(3000);
WebElement drag13 = w.findElement(By.id("draggable"));
WebElement drop13 = w.findElement(By.id("droppable")) ;
Actions a1= new Actions(w);
a1.dragAndDrop(drag13, drop13).build().perform();

```

## **TC14: To check the functionality of Accept button in Droppable**

### **Selenium WebDriver Test Script:**

```

w.findElement(By.id("droppableExample-tab-accept")).click();
Thread.sleep(3000);

```

```

WebElement drag14 = w.findElement(By.xpath("//div[@id='acceptable']"));
WebElement drop14 =
w.findElement(By.xpath("//div[@id='acceptDropContainer']//div[@id='droppable']")
"));
Thread.sleep(2000);
a1.dragAndDrop(drag14, drop14).build().perform(); w.navigate().refresh();
System.out.println("Droppable is acceptable:");

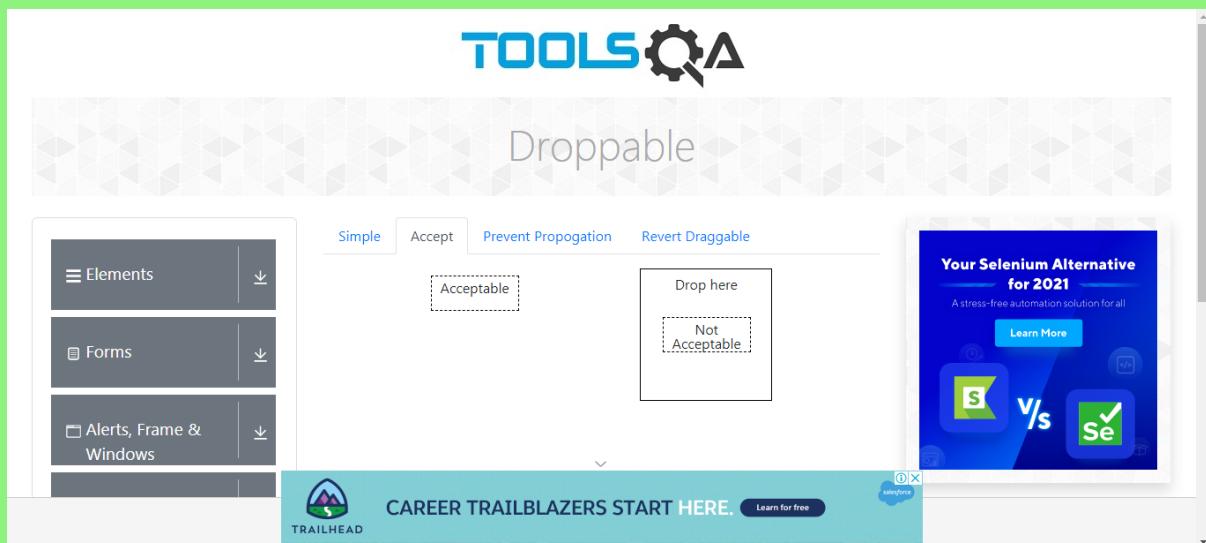
```



```

//Not acceptable
w.findElement(By.id("droppableExample-tab-accept")).click();
Thread.sleep(2000);
WebElement drop15 =
w.findElement(By.xpath("//div[@id='acceptDropContainer']//div[@id='droppable']")
"));
WebElement drag15 = w.findElement(By.id("notAcceptable")) ;
a1.dragAndDrop(drag15, drop15 ).build().perform();
System.out.println("Droppable is not Acceptable:");

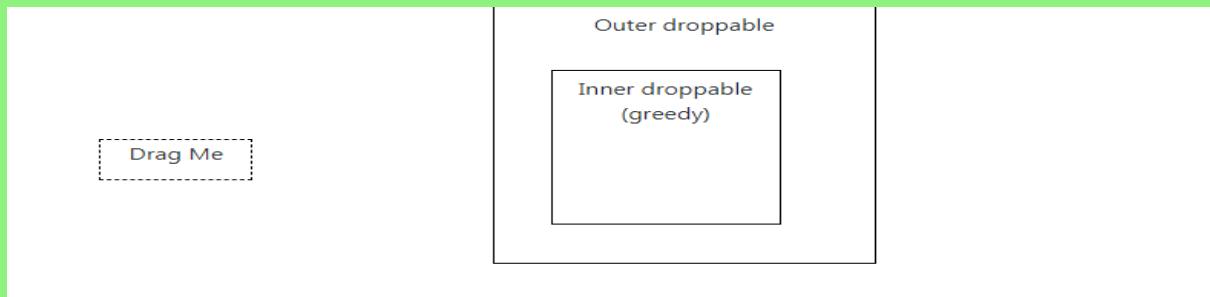
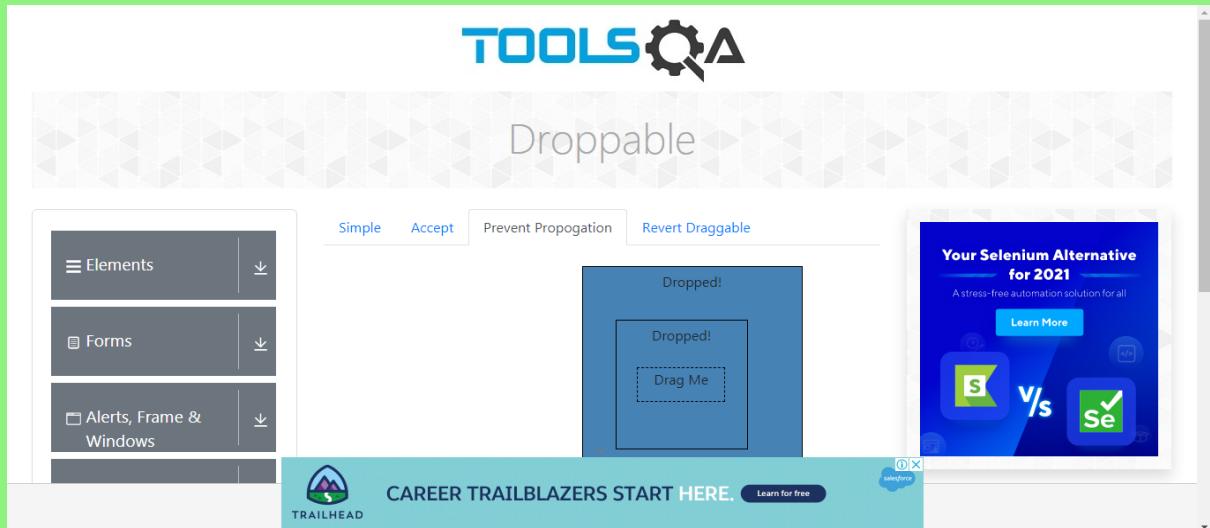
```



### TC15: To check the functionality of Prevent propagation button in Droppable module

#### Selenium WebDriver Test Script:

```
w.findElement(By.id("droppableExample-tab-preventPropogation")).click();
Thread.sleep(3000);
WebElement drag16 = w.findElement(By.xpath("//div[@id='dragBox']"));
WebElement drop16 =
w.findElement(By.xpath("//div[@id='notGreedyInnerDropBox']")); Actions a2=
new Actions(w);
a2.dragAndDrop(drag16, drop16).build().perform();
Thread.sleep(3000);
```



**Defect: Inner droppable part is not working.**

**TC16: To check the functionality of Revert draggable button in Droppable module**

### Selenium WebDriver Test Script:

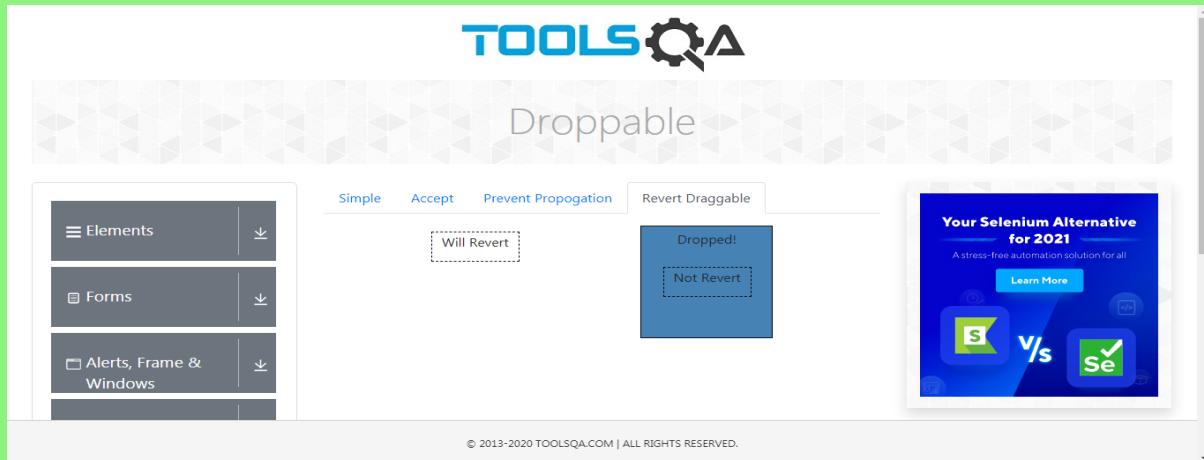
```
Thread.sleep(3000);
w.findElement(By.xpath("//a[@id='droppableExample-tab-revertable']")).click();

WebElement drag18 = w.findElement(By.xpath("//div[@id='revertable']"));
WebElement drag19 = w.findElement(By.xpath("//div[@id='notRevertable']"));
```

```

WebElement drop18 =
w.findElement(By.xpath("//div[@id='revertableDropContainer']//div[@id='droppable']"));
Actions a3= new Actions(w);
Thread.sleep(3000);
a3.dragAndDrop(drag18, drop18).build().perform();
Thread.sleep(3000);
a3.dragAndDrop(drag19, drop18).build().perform();

```



## **TC17: To check the functionality of Draggable module in interaction module**

### **Selenium WebDriver Test Script:**

```

JavascriptExecutor js4=(JavascriptExecutor)w;
js4.executeScript("window.scrollTo(0,1000)");
System.out.println(w.getCurrentUrl());
Thread.sleep(3000);

```

## **TC18 : To check the functionality of Simple button in Draggable module**

### **Selenium WebDriver Test Script:**

```

w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[1]/div[2]/div[1]/div[1]/div[1]/div[5]/div[1]/ul[1]/li[5]")).click();
Thread.sleep(3000);

```

```

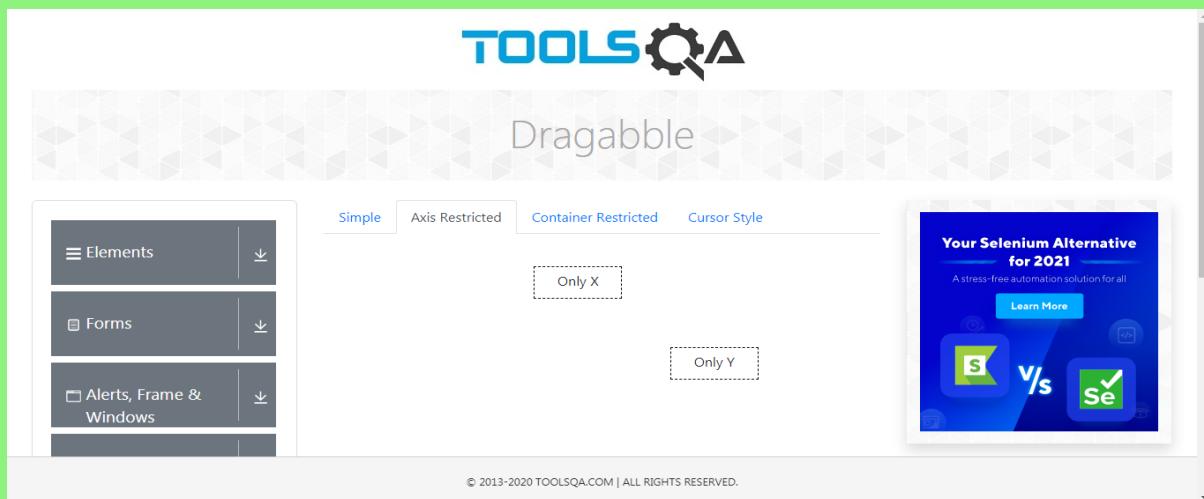
w.findElement(By.xpath("//a[@id='draggableExample-tab-simple']")).click();
WebElement drag20 = w.findElement(By.xpath("//div[@id='dragBox']"));
Actions a4= new Actions(w);
a4.dragAndDropBy(drag20,100,100 ).build().perform();

```

## **TC19: To check the functionality of Axis Restriction button in Draggable module**

## Selenium WebDriver Test Script:

```
Thread.sleep(3000);
w.findElement(By.xpath("//a[@id='draggableExample-tab-axisRestriction']")).click();
WebElement drag21 = w.findElement(By.xpath("//div[@id='restrictedX']"));
WebElement drag22 = w.findElement(By.xpath("//div[@id='restrictedY']"));
a4.dragAndDropBy(drag21,100,0 ).build().perform();
a4.dragAndDropBy(drag22,0,100 ).build().perform();
```



## TC20: To check the functionality of Cursor Style button in Draggable module

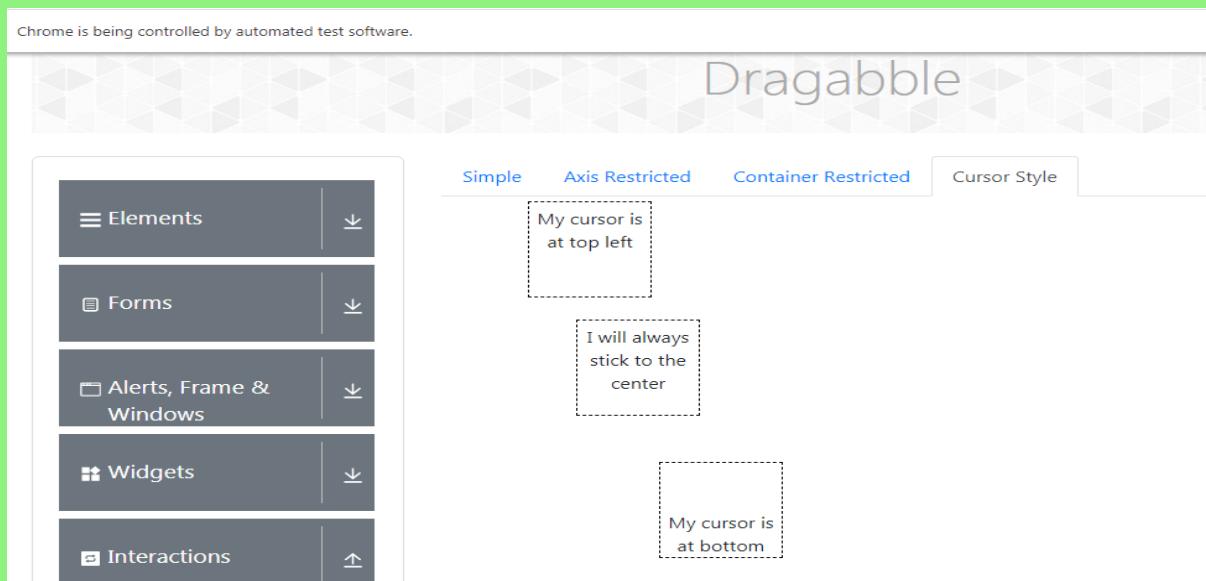
### Selenium WebDriver Test Script:

```
w.findElement(By.xpath("//a[@id='draggableExample-tab-cursorStyle']")).click();
WebElement drag23 = w.findElement(By.xpath("//div[@id='cursorCenter']"));
a4.dragAndDropBy(drag23,100,110 ).build().perform();
Thread.sleep(2000);

WebElement drag24 = w.findElement(By.xpath("//div[@id='cursorTopLeft']"));
a4.dragAndDropBy(drag24,-0,-190).build().perform();
Thread.sleep(2000);

JavascriptExecutor js5=(JavascriptExecutor)w;
js5.executeScript("window.scrollTo(0,1000)");

WebElement drag25 = w.findElement(By.xpath("//div[@id='cursorBottom']"));
a4.dragAndDropBy(drag25,160,70 ).build().perform();
w.close();
```



## Console Window :-

```
<terminated> Project [Java Application] C:\Program Files\Java\jdk-16.0.1\bin\javaw.exe (Jul 17, 2021, 12:25 PM)
Starting ChromeDriver 90.0.4430.24 (4c6d850f087da467d926e8eddb76550aed655991-r)
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
[1626504144.941][WARNING]: This version of ChromeDriver has not been tested with Java 16.
Jul 17, 2021 12:25 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Launch the Browser
Title of page isToolsQA
Total Links are 3
You clicked a button
Simple alert done
This alert appeared after 5 seconds
Do you confirm action?
Alert will be displayed after 5 second
Please enter your name
https://demoqa.com/sortable
List is sorted
Grid is Sorted
https://demoqa.com/selectable
List is selected
Grid is sorted
https://demoqa.com/resizable
window is scrolled
The box is resizable
https://demoqa.com/droppable
https://demoqa.com/droppable
```

## Defect: TCo1. To raise defect on Jira tool(Grid)

The screenshot shows a Jira issue page for defect FBJ-465. The page title is "VB002: In toolsqa wbsite Interaction module(Selectable) in Grid 3rd row is not select." The issue is described as follows:

Description:  
1. Open Browser  
2. Open URL : <https://demoqa.com/selectable>  
3. click on Selectable module  
4. click on Grid module

Expected result: Third row is selected & show on web page when writing the script.  
Actual result: Third row is not selected when writing the script.

Environment:  
Windows 7.Chrome( 91.0.4472.124)

Attachments (1): Add a comment...

The right side of the screen displays the Jira issue details:

- Pinned fields: Reporter - testereEDU
- Details:
  - Assignee - Testing team leader
  - Labels - None
  - Due date - Jul 18, 2012
  - Priority - Medium
- More fields: Original estimate, Time tracking, Epic Link, Component...
- Created 2 minutes ago, Updated 2 minutes ago

## **MODULE 6: BOOK STORE APPLICATION**

### **TC01 :Luanch the browser & open URL**

#### **Selenium WebDriver Test Script:**

Selenium WebDriver Script:

```
System.setProperty("webdriver.chrome.driver","C:\\\\Users\\\\Pooja\\\\Desktop\\\\seleni\num jar\\\\chromedriver.exe");\nWebDriver w=new ChromeDriver();\nw.get("http://demoqa.com/");
```

### **TC02:To check the functionality of Book Store Button**

#### **Selenium WebDriver Test Script:**

```
w.get("http://demoqa.com/books");\n//book1
```

```
WebElement book1= w.findElement(By.linkText("Git Pocket Guide"));
```

```
JavascriptExecutor jsbook1 = (JavascriptExecutor) w;
```

```
jsbook1.executeScript("arguments[0].scrollIntoView();",book1);
```

```
book1.click();
```

```
WebElement click1= w.findElement(By.id("addNewRecordButton"));
```

```
JavascriptExecutor jsclick1 = (JavascriptExecutor) w;
```

```
jsclick1.executeScript("arguments[0].scrollIntoView();",click1);
```

```
click1.click();
```

```
//book2
```

```
WebElement book2= w.findElement(By.linkText("Learning JavaScript Design\nPatterns "));
```

```
JavascriptExecutor jsbook2 = (JavascriptExecutor) w;
```

```
jsbook2.executeScript("arguments[0].scrollIntoView();",book2);
```

```
book2.click();
```

```
WebElement click2= w.findElement(By.id("addNewRecordButton"));

JavascriptExecutor jsclick2 = (JavascriptExecutor) w;

jsclick2.executeScript("arguments[0].scrollIntoView();", click2);

click2.click();

//book
WebElement book3= w.findElement(By.linkText("Designing Evolvable Web APIs
with ASP.NET"));

JavascriptExecutor jsbook3 = (JavascriptExecutor) w;
jsbook3.executeScript("arguments[0].scrollIntoView();", book3);

book3.click();

WebElement click3= w.findElement(By.id("addNewRecordButton"));

JavascriptExecutor jsclick3 = (JavascriptExecutor) w;

jsclick3.executeScript("arguments[0].scrollIntoView();", click3);

click3.click();

//book4

WebElement book4= w.findElement(By.linkText("Speaking JavaScript"));

JavascriptExecutor jsbook4 = (JavascriptExecutor) w;
jsbook4.executeScript("arguments[0].scrollIntoView();", book4);

book4.click();

WebElement click4= w.findElement(By.id("addNewRecordButton"));

JavascriptExecutor jsclick4 = (JavascriptExecutor) w;

jsclick4.executeScript("arguments[0].scrollIntoView();", click4);

click4.click();

//book5

WebElement book5= w.findElement(By.linkText("You Don't Know JS"));
```

```
JavascriptExecutor jsbook5 = (JavascriptExecutor) w;
jsbook5.executeScript("arguments[0].scrollIntoView();" ,book5);
book5.click();

WebElement click5= w.findElement(By.id("addNewRecordButton"));

JavascriptExecutor jsclick5 = (JavascriptExecutor) w;
jsclick5.executeScript("arguments[0].scrollIntoView();" ,click5);
click5.click();

//book6

WebElement book6= w.findElement(By.linkText("Programming JavaSceript
Application"));

JavascriptExecutor jsbook6 = (JavascriptExecutor) w;
jsbook6.executeScript("arguments[0].scrollIntoView();" ,book6);
book6.click();

WebElement click6= w.findElement(By.id("addNewRecordButton"));

JavascriptExecutor jsclick6 = (JavascriptExecutor) w;
jsclick6.executeScript("arguments[0].scrollIntoView();" ,click6);
click6.click();

//book7

WebElement book7= w.findElement(By.linkText("Eloquent JavaScript,Second
Edition"));

JavascriptExecutor jsbook7 = (JavascriptExecutor) w;
jsbook7.executeScript("arguments[0].scrollIntoView();" ,book7);
book7.click();
```

```
WebElement click7= w.findElement(By.id("addNewRecordButton"));

JavascriptExecutor jsclick7 = (JavascriptExecutor) w;
jsclick7.executeScript("arguments[0].scrollIntoView();", click7);
click7.click();

//book8

WebElement book8= w.findElement(By.linkText("Understanging ECMAScript 6"));

JavascriptExecutor jsbook8 = (JavascriptExecutor) w;
jsbook8.executeScript("arguments[0].scrollIntoView();", book8);
book8.click();

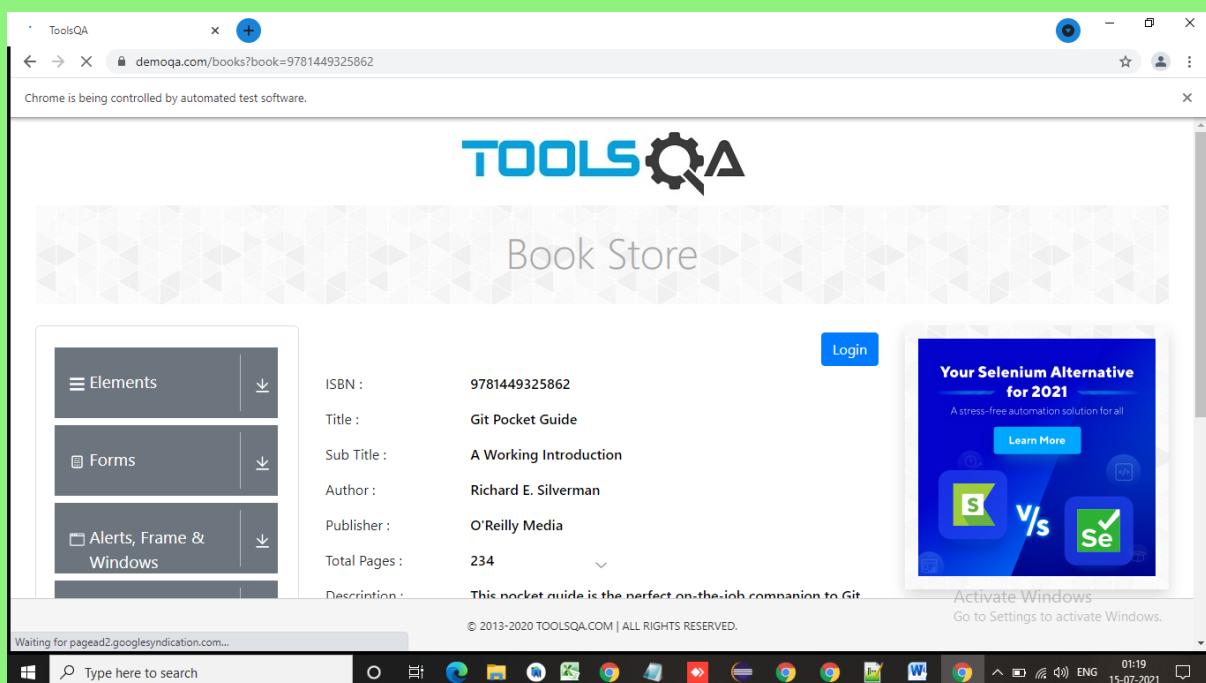
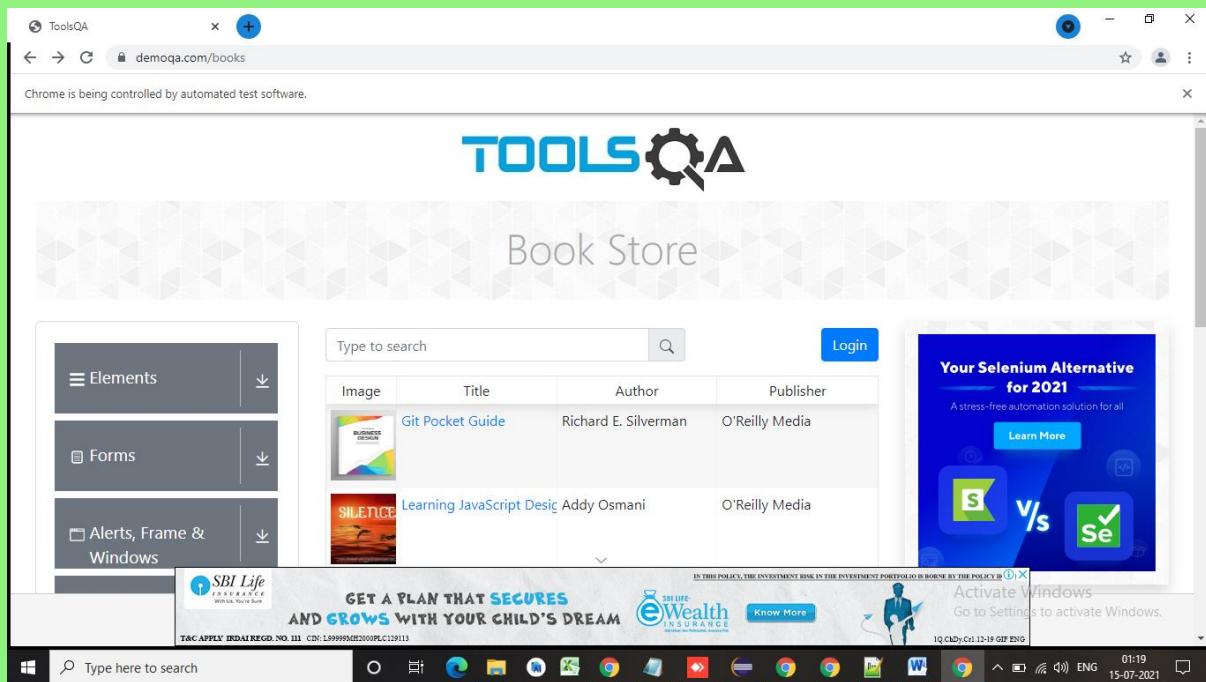
WebElement click8= w.findElement(By.id("addNewRecordButton"));

JavascriptExecutor jsclick8 = (JavascriptExecutor) w;
jsclick8.executeScript("arguments[0].scrollIntoView();", click8);
click5.click();

w.findElement(By.xpath("//input[@id='searchBox'")).sendKeys("Git Pocket
Guide");

w.findElements(By.xpath("/html[1]/body[1]/div[2]/div[1]/div[1]/div[2]/div[2]/div[1]/div[1]/div[1]/div[1]/input[1]"));

w.findElement(By.id("login")).click();
```



## TC03: To check the functionality of Profile Button

### Selenium WebDriver Test Script:

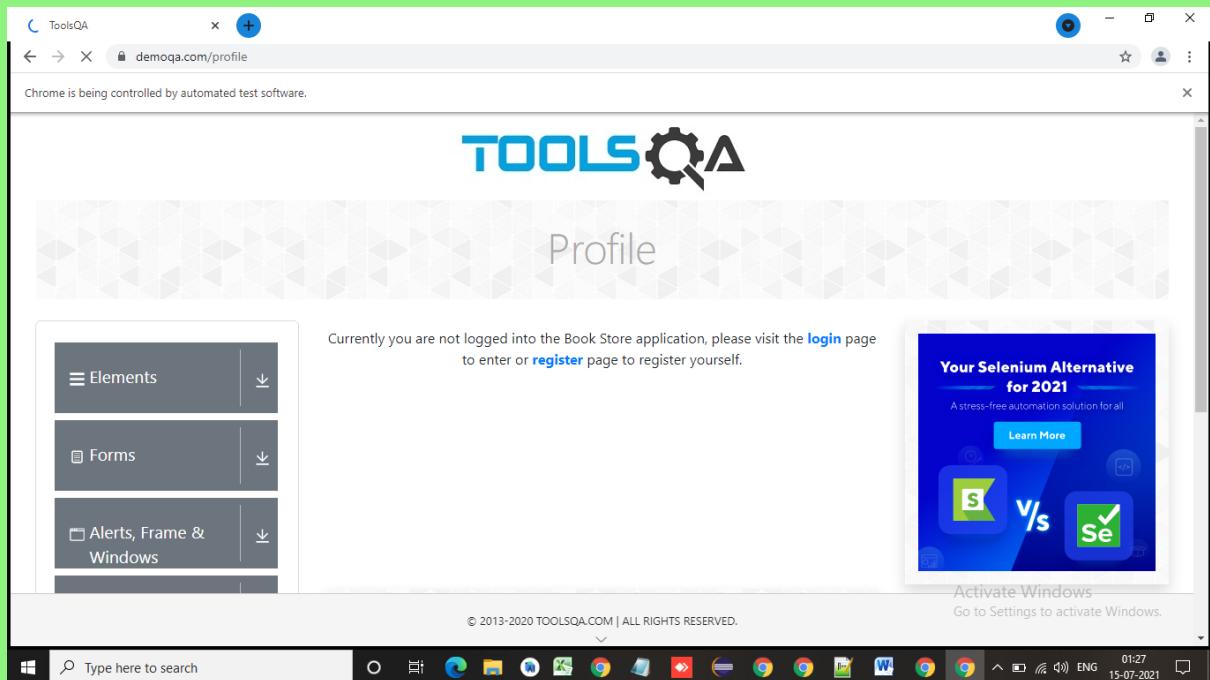
```
w.get("http://demoqa.com/");
w.navigate().to("http://demoqa.com/profile");

w.findElement(By.linkText("login")).click();

w.findElement(By.linkText("register")).click();
w.navigate().back();
```

```
w.navigate().to("http://demoqa.com/profile");
```

```
w.navigate().to("http://demoqa.com/");
```



## TC04:To check the functionality of Book Store API

### Selenium WebDriver Test Script:

```
w.get("http://demoqa.com/");  
w.navigate().to("http://demoqa.com/swagger");
```

```
JavascriptExecutor js = (JavascriptExecutor) w;
```

```
js.executeScript("window.scrollTo(0,document.body.scrollHeight)");
```

```
System.out.println("Stop");
```

