

EduBridge



A Project

Report On

AUTOMATION TESTING USING MAVEN ON NEW DEMO TOUR
WEBSITE

By

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EduBridge

Introduction

This Project aims 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 includes title check and all links count with their working status.

Software Requirements

Operating System :- Window 10

Browser:- Latest version of Google Chrome

IDE :- Eclipse IDE

Front-end:- Java & Maven

TC01- Launch the browser and open New Demo Tour Website.

```
WebDriverManager.chromedriver().browserPath("89.0.4389.82").setup();
WebDriverManager.chromedriver().setup()
WebDriver w= new ChromeDriver();
w.get("http://demo.guru99.com/test/newtours/");
```

TC02- To test the functionality of Register Page of New Demo Tour Website.

Register: Mercury Tours x +

Not secure | demo.guru99.com/test/newtours/register.php

MERCURY TOURS

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REGISTER

To create your account, we'll need some basic information about you. This information will be used to send reservation confirmation emails, mail tickets when needed and contact you if your travel arrangements change. Please fill in the form completely.

Contact Information

First Name:

Last Name:

Phone:

Email:

Mailing Information

Address:

City:

State/Province:

Postal Code:

Country:

User Information

User Name:

Password:

Confirm Password:

```
w.get("http://demo.guru99.com/test/newtours/register.php");
```

```
w.findElement(By.linkText("REGISTER")).click();
w.findElement(By.name("firstName")).sendKeys("Rohini");
w.findElement(By.name("lastName")).sendKeys("Thakare");
```

```
w.findElement(By.name("phone")).sendKeys("123456");  
w.findElement(By.id("userName")).sendKeys("rohini@gmail.com");
```

```
w.findElement(By.name("address1")).sendKeys("abcd");
```

```
w.findElement(By.name("city")).sendKeys("Chandrapur");
```

```
w.findElement(By.name("state")).sendKeys("MH");
```

```
w.findElement(By.name("postalCode")).sendKeys("442401");
```

```
Select s= new Select(w.findElement(By.name("country")));  
s.selectByValue("INDIA");
```

```
w.findElement(By.id("email")).sendKeys("rohini@gmail.com");
```

```
w.findElement(By.name("password")).sendKeys("1234");
```

```
w.findElement(By.name("confirmPassword")).sendKeys("1234");  
w.findElement(By.name("submit")).click();
```

TC03- To Test the functionality of login button with valid username and valid password.

```
//UserName-Rohini
```

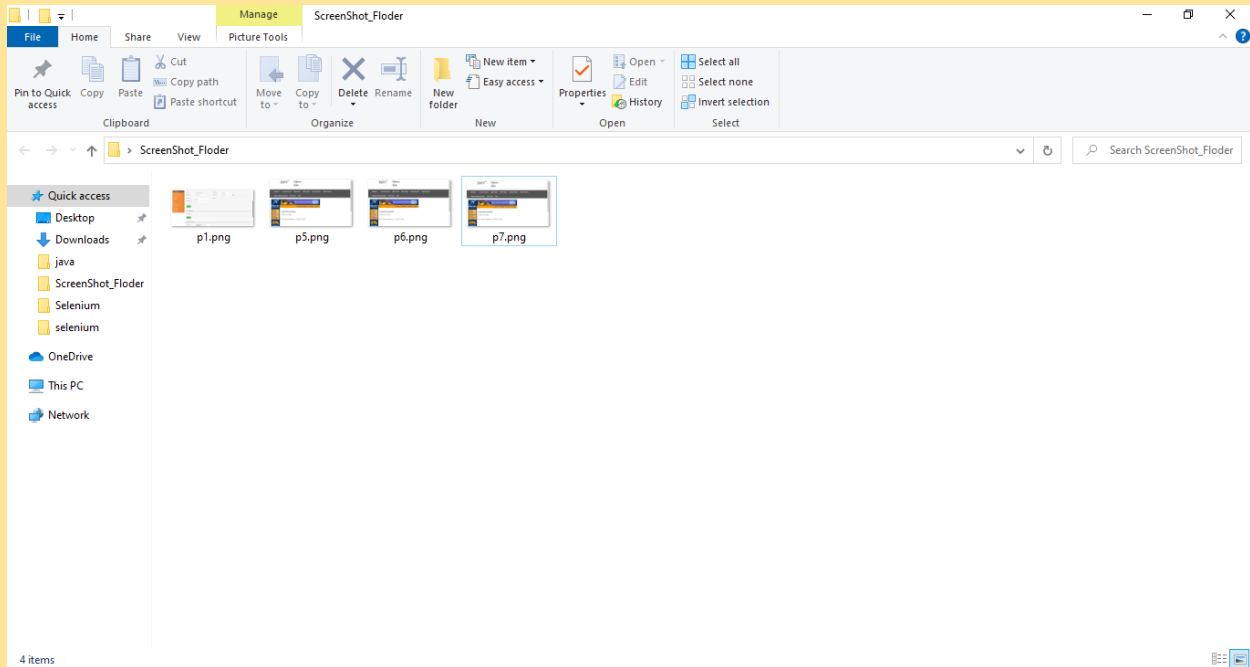
```
//Password-rohini
```

```
w.findElement(By.name("userName")).sendKeys("Rohini");  
w.findElement(By.name("password")).sendKeys("rohini");  
w.findElement(By.name("submit")).click();
```

TC04- For login Successful take a screenshot.

```
TakesScreenshot t= (TakesScreenshot) w;  
File src= t.getScreenshotAs(OutputType.FILE);
```

```
Files.copy(src,new  
File("C:\\Users\\VAIBHAV\\Desktop\\ScreenShot_Floder\\p6.png"));
```



TC04- To check different link available on new demo tour website page.

```
w.findElement(By.linkText("Home")).click();  
w.findElement(By.linkText("Flights")).click();
```

```
w.findElement(By.name("tripType")).click();
```

```
Select s1= new Select(w.findElement(By.name("passCount")));  
s1.selectByVisibleText("2");
```

```
Select s2= new Select(w.findElement(By.name("fromPort")));  
s2.selectByVisibleText("London");
```

```
Select s3= new Select(w.findElement(By.name("fromMonth"))  
s3.selectByVisibleText("May");
```

```
Select s4= new Select(w.findElement(By.name("fromDay")));  
s4.selectByVisibleText("1");
```

```
Select s5= new Select(w.findElement(By.name("toPort")));  
s5.selectByVisibleText("Seattle");
```

```
Select s6= new Select(w.findElement(By.name("toMonth")));  
s6.selectByVisibleText("June");  
w.findElement(By.name("servClass")).click();
```

```
Select s7= new Select(w.findElement(By.name("airline")));  
s7.selectByVisibleText("Blue Skies Airlines");
```

```
w.findElement(By.name("findFlights")).click();
```

```
w.findElement(By.linkText("Home")).click();
```

```
w.findElement(By.linkText("Hotels")).click();
```

```
w.navigate().to("http://demo.guru99.com/test/newtours/");
```

```
w.findElement(By.linkText("Car Rentals")).click();
```

```
w.findElement(By.linkText("Home")).click();
```

```
w.findElement(By.linkText("Cruises")).click();
```

```
w.findElement(By.linkText("Destinations")).click();
```

```
w.findElement(By.linkText("Home")).click();
```

```
w.findElement(By.linkText("Vacations")).click();
```

TC05- To test the functionality of selenium dropdown login button with valid data.

Emailaddress-rohini@gmail.com

Password-1234

```
w.findElement(By.className("dropdown-toggle")).click();
```

```
w.findElement(By.linkText("Login")).click();
```

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

```
js.executeScript("arguments[0].value='rohini@gmail.com'",  
w.findElement(By.id("email")));
```

```
js.executeScript("arguments[0].value='1234'",  
w.findElement(By.id("passwd")));
```

```
w.findElement(By.id("SubmitLogin")).click();  
w.navigate().back();
```

TC06- To Check Whether the title of login page matched or not

```
if(w.getTitle().equals("Welcome: Mercury Tours"))
{
    w.findElement(By.name("userName")).sendKeys("Rohini");
    w.findElement(By.name("password")).sendKeys("rohini");
    w.findElement(By.name("submit")).click();
    System.out.println("Login Successfully Done");
}
else
{
    System.out.println("Login Failed");
}
```

TC07- To check the functionality of Accessing link present in website

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Accessing Link")).click();
w.findElement(By.linkText("click here")).click();
w.navigate().back();
```

TC08- To Test the functionality of insurance Project Register Page

```
w.findElement(By.linkText("Insurance Project")).click();
```



```
w.findElement(By.linkText("Register")).click();
```

```
Select s9= new Select(w.findElement(By.id("user_title")));  
s9.selectByVisibleText("Mrs");
```

```
w.findElement(By.id("user_firstname")).sendKeys("Shruti");
```

```
w.findElement(By.id("user_surname")).sendKeys("Sharma");
```

```
w.findElement(By.id("user_phone")).sendKeys("9876543210");
```

```
Select s10= new Select(w.findElement(By.id("user_dateofbirth_1i")));  
s10.selectByVisibleText("1954");
```

```
Select s11= new Select(w.findElement(By.name("month")));  
s11.selectByVisibleText("December");
```

```
Select s12= new Select(w.findElement(By.name("date")));  
s12.selectByVisibleText("21");
```

```
w.findElement(By.name("licencetype")).click();
```

```
Select s13= new Select(w.findElement(By.name("licenceperiod")));  
s13.selectByVisibleText("2");
```

```
Select s14= new Select(w.findElement(By.name("occupation")));  
s14.selectByVisibleText("Actor");
```

```
w.findElement(By.name("street")).sendKeys("Tukum");  
w.findElement(By.name("city")).sendKeys("Nagpur");  
w.findElement(By.name("county")).sendKeys("India");  
w.findElement(By.name("county")).clear();  
w.findElement(By.name("post_code")).sendKeys("43267");  
w.findElement(By.name("email")).clear();
```

```
w.findElement(By.name("email")).sendKeys("shruti@gmail.com");  
w.findElement(By.name("password")).sendKeys("12334");  
w.findElement(By.name("c_password")).sendKeys("12334");
```

```
w.findElement(By.name("submit")).click();
```

```
w.findElement(By.name("email")).sendKeys("shruti@gmail.com");  
w.findElement(By.name("password")).sendKeys("12334");  
w.findElement(By.name("submit")).click();  
w.findElement(By.className("button_to")).click();
```

Pom.xml File

```
<project xmlns="http://maven.apache.org/POM/4.0.0"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0  
http://maven.apache.org/xsd/maven-4.0.0.xsd">  
  <modelVersion>4.0.0</modelVersion>  
  <groupId>101</groupId>  
  <artifactId>New_Demo_Tour2</artifactId>  
  <version>0.0.1-SNAPSHOT</version>  
  <dependencies>  
    <dependency>  
      <groupId>org.seleniumhq.selenium</groupId>  
      <artifactId>selenium-java</artifactId>  
      <version>3.141.5</version>  
    </dependency>  
  </dependencies>
```

```
<groupId>org.seleniumhq.selenium</groupId>
<artifactId>selenium-firefox-driver</artifactId>
<version>3.141.5</version>
</dependency>
<dependency>
  <groupId>org.seleniumhq.selenium</groupId>
  <artifactId>selenium-chrome-driver</artifactId>
  <version>3.141.5</version>
</dependency>
<dependency>
  <groupId>org.apache.poi</groupId>
  <artifactId>poi</artifactId>
  <version>5.0.0</version>
</dependency>

<dependency>
  <groupId>org.apache.poi</groupId>
  <artifactId>poi</artifactId>
  <version>3.14</version>
</dependency>
<dependency>
  <groupId>io.github.bonigarcia</groupId>
  <artifactId>webdrivermanager</artifactId>
  <version>3.7.1</version>
</dependency>
<dependency>
  <groupId>commons-io</groupId>
  <artifactId>commons-io</artifactId>
  <version>2.8.0</version>
</dependency>
</dependencies>
</project>
```