



A Project Report

on

Automation testing using Selenium Webdriver

on

guru99 Website

By

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Batch- 2020-5343

Under the Guidance of,

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At

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Introduction

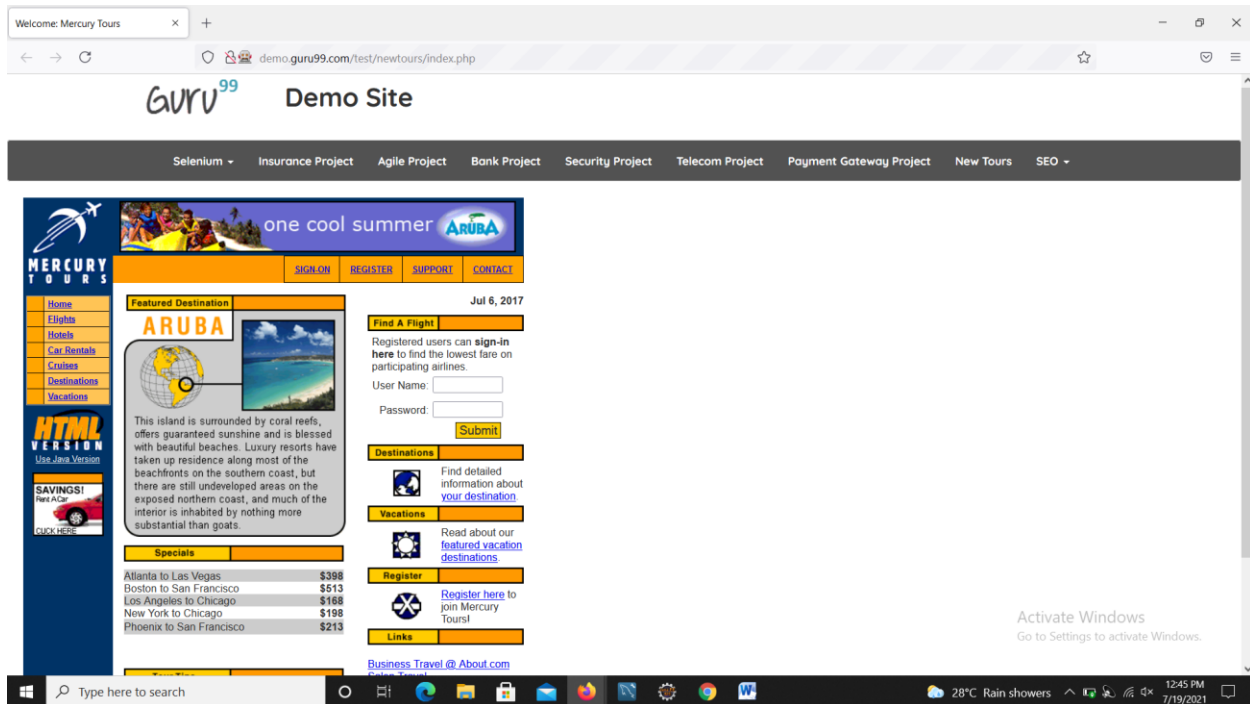
This Project aims to do overall testing like functional testing, GUI testing on website to check quality of application. It helps to improve quality of website and saves time for manually doing this testing. In this project our main focus is to check functionalities available on website. Also it includes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

Operating System	:	Window 10
Browser	:	Firefox Version 89.0.2
IDE	:	Eclipse IDE 8.1
Language	:	Java
Framework	:	Selenium Webdriver

TC01- Launch the browser and open Guru99 Demo Website.

```
System.setProperty("webdriver.gecko.driver","C:\\Users\\admin\\Desktop\\Selenium\\geckodriver.exe");
WebDriver w= new FirefoxDriver();

w.get("http://demo.guru99.com/test/newtours/index.php\r\n");
```



```
//scroll
Thread.sleep(1000);
JavascriptExecutor js = (JavascriptExecutor) w;
js.executeScript("window.scrollTo(0,2000)");
w.manage().window().maximize();
```

TC02- To check functionality of Register Button

```
w.findElement(By.LinkText("REGISTER")).click();
w.findElement(By.name("firstName")).sendKeys("Mayuri");
w.findElement(By.name("lastName")).sendKeys("Patil");
w.findElement(By.name("phone")).sendKeys("8655762999");
w.findElement(By.name("userName")).sendKeys("mp@gmail.com");
w.findElement(By.name("address1")).sendKeys("Takka");
w.findElement(By.name("city")).sendKeys("Panvel");
w.findElement(By.name("state")).sendKeys("Maharashtra");
w.findElement(By.name("postalCode")).sendKeys("410000");
Select s=new Select(w.findElement(By.name("country")));
s.selectByValue("INDIA");
w.findElement(By.name("email")).sendKeys("mp@gmail.com");
w.findElement(By.name("password")).sendKeys("12345");
w.findElement(By.name("confirmPassword")).sendKeys("12345");
```

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

DC01- Registration with same Username and Password is possible.

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

TC03- To check functionality of Sign-in Button

```
w.findElement(By.LinkText("sign-in")).click();
w.findElement(By.name("userName")).sendKeys("mp@gmail.com");
w.findElement(By.name("password")).sendKeys("12345");
w.findElement(By.name("submit")).click();
System.out.println(w.findElement(By.xpath("html/body/div[2]/table/tbody/tr/td[2]/table/tbody/tr[4]/td/table/tbody/tr/td[2]/table/tbody/tr[1]/td/h3")).getText());
```

TC04- To check functionality of Sign-off Button

```
w.findElement(By.LinkText("SIGN-OFF")).click();
//w.get("/html/body/div[2]/table/tbody/tr/td[2]/table/tbody/tr[4]/td/table/tbody/tr/td[2]/table/tbody/tr[1]/td/h3");
System.out.println("SIGN-OFF page done");
```

TC05- To check functionality of Submit Button

```
w.findElement(By.name("userName")).sendKeys("123");
w.findElement(By.name("password")).sendKeys("123");
w.findElement(By.name("submit")).click();
w.findElement(By.xpath("/html/body/div[2]/table/tbody/tr/td[2]/table/tbody/tr[2]/td/table/tbody/tr/td[1]/a")).click();
w.navigate().back();
System.out.println("Login Successfully");
```

TC06- To check functionality of flight Button

```
w.findElement(By.LinkText("Flights")).click();
w.findElement(By.name("tripType")).click();
Select s1=new Select(w.findElement(By.name("passCount")));
s1.selectByValue("1");
Select p=new Select(w.findElement(By.name("fromPort")));
p.selectByValue("New York");
Select p1=new Select(w.findElement(By.name("fromMonth")));
p1.selectByValue("6");
Select p2=new Select(w.findElement(By.name("fromDay")));
p2.selectByValue("15");
Select p3=new Select(w.findElement(By.name("toPort")));
p3.selectByValue("Paris");
Select p4=new Select(w.findElement(By.name("toMonth")));
p4.selectByValue("7");
Select p5=new Select(w.findElement(By.name("toDay")));
p5.selectByValue("20");
```

```

w.findElement(By.xpath("/html/body/div[2]/table/tbody/tr/td[2]/table/tbody/tr[4]/td/t
able/tbody/tr/td[2]/table/tbody/tr[5]/td/form/table/tbody/tr[9]/td[2]/font/font/input
[2]")).click();
Select p6=new Select(w.findElement(By.name("airline")));
p6.selectByVisibleText("Unified Airlines");
w.findElement(By.name("findFlights")).click();
System.out.println("Flight booking done");
w.navigate().to(http://demo.guru99.com/test/newtours/index.php\r\n);
Thread.sleep(2000);

```

TC07- To check functionality of Car Rentals

```

//Car Rentals
w.findElement(By.linkText("Car Rentals")).click();
System.out.println("Car rentals");
w.navigate().back();

```

TC08- To check functionality of Cruises

```

//Cruises
w.findElement(By.linkText("Cruises")).click();
System.out.println("cruises");
w.navigate().back();

```

TC09- To check functionality of Destinations

```

//Destinations
w.findElement(By.linkText("Destinations")).click();
System.out.println("Destinations");
w.navigate().back();

```

TC10- To check functionality of Vacations

```

//Vacations
w.findElement(By.linkText("Vacations")).click();
System.out.println("Vacations");
w.navigate().back();

```

TC11- To check functionality of Yahoo

```

w.findElement(By.LinkText("Selenium")).click();
w.findElement(By.LinkText("Yahoo")).click();
System.out.println(w.getTitle());
System.out.println("selenium Button check");
w.navigate().back();

```

TC12- To check functionality of Radio & Checkbox Demo

```

//Radio & Checkbox Demo
w.findElement(By.LinkText("Selenium")).click();
w.findElement(By.LinkText("Radio & Checkbox Demo")).click();
w.findElement(By.id("vfb-7-2")).click();
w.findElement(By.id("vfb-6-2")).click();
System.out.println(w.getTitle());

```

```
Thread.sleep(2000);
System.out.println("Radio & Checkbox Demo");
w.findElement(By.xpath("//*[@id=\"navbar-bracentered\"]/ul/li[1]/a")).click();
```

TC13- To check functionality of Table Demo

```
//Table Demo
w.findElement(By.LinkText("Table Demo")).click();
w.findElement(By.xpath("/html/body/table/tbody/tr[2]/td[2]")).click();
System.out.println(w.getTitle());
System.out.println("Table Demo");
```

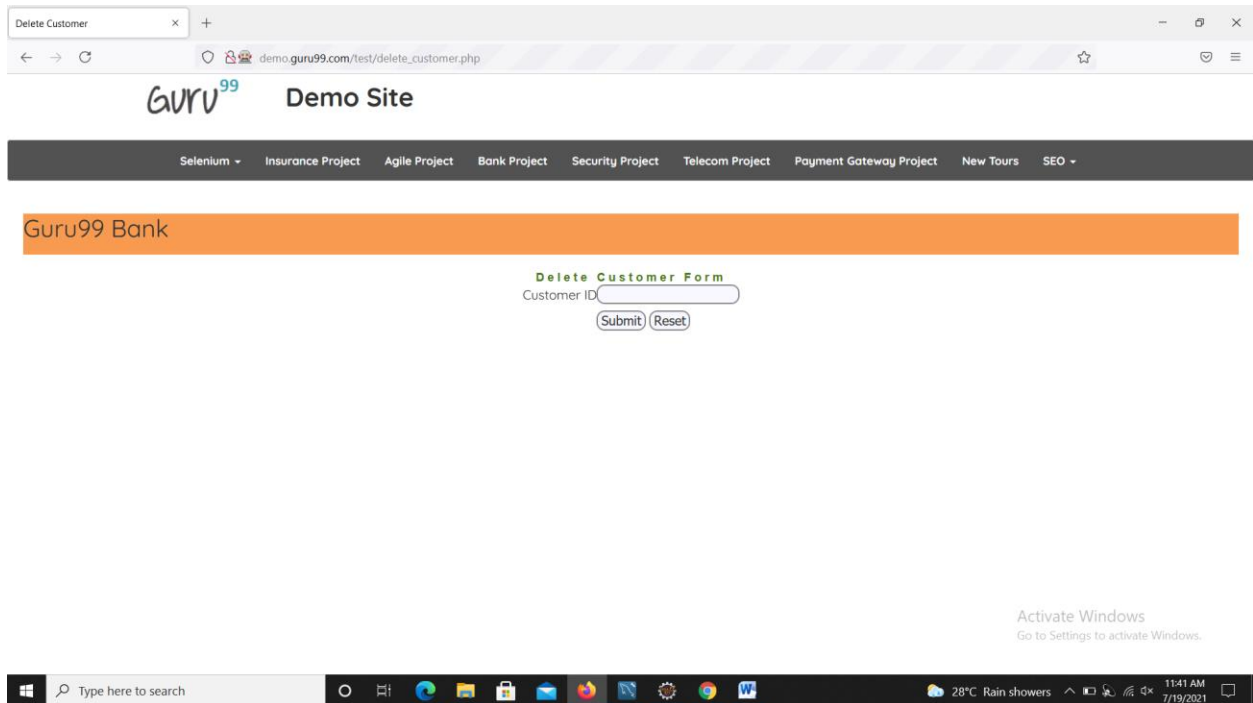
DC02-Table function is not working

TC14- To check functionality of Accessing Link

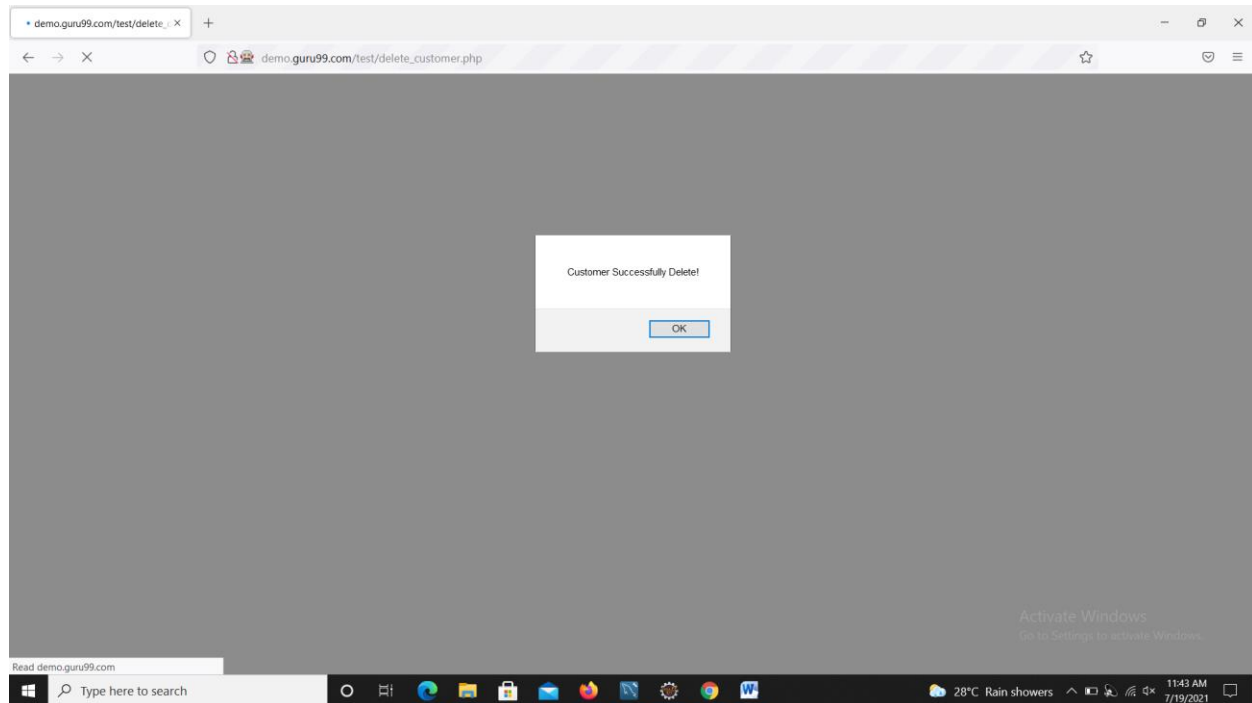
```
//Accessing Link
w.findElement(By.xpath("//*[@id=\"navbar-brand-centered\"]/ul/li[1]/a")).click();
//List of tags
List<WebElement> L=w.findElements(By.tagName("a"));
System.out.println("the total tagnames are " +L.size());
List<WebElement> M=w.findElements(By.tagName("input"));
System.out.println("the tolat input tags " +M.size());
w.findElement(By.LinkText("Accessing Link")).click();
w.findElement(By.LinkText("click here")).click();
System.out.println(w.getTitle());
System.out.println("Accessing Link");
w.navigate().back();
```

TC15- To check functionality of Delete Customer Form

```
//Delete Customer Form
w.findElement(By.xpath("//*[@id=\"navbar-brand-centered\"]/ul/li[1]/a")).click();
w.findElement(By.LinkText("Delete Customer Form")).click();
System.out.println("Delete Customer Form");
w.findElement(By.name("cusid")).sendKeys(" ");
System.out.println(w.getTitle());
w.findElement(By.name("submit")).click();
```



```
Thread.sleep(2000);
Alert a1 = w.switchTo().alert();
System.out.println(a1.getText());
a1.accept();
//a1.dismiss();
Thread.sleep(2000);
Alert a2 = w.switchTo().alert();
System.out.println(a2.getText());
a2.accept();
```

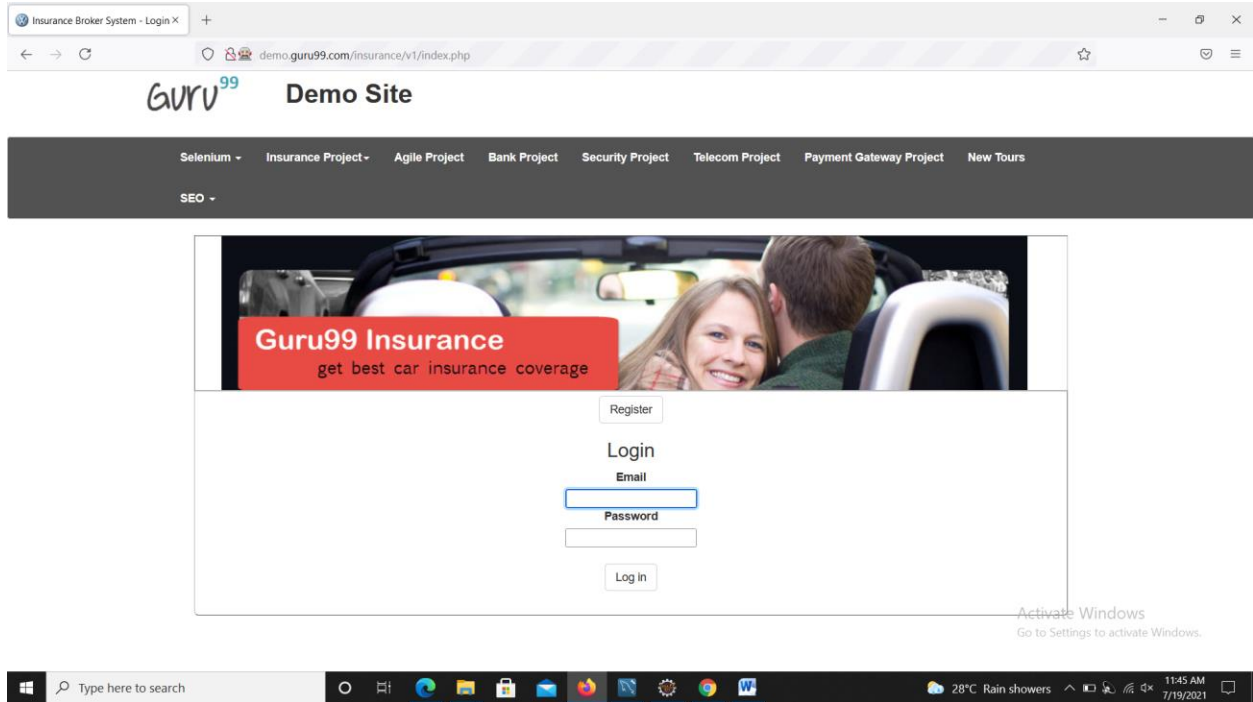


```
System.out.println("Delete Customer Form Successfully");  
w.navigate().back();
```

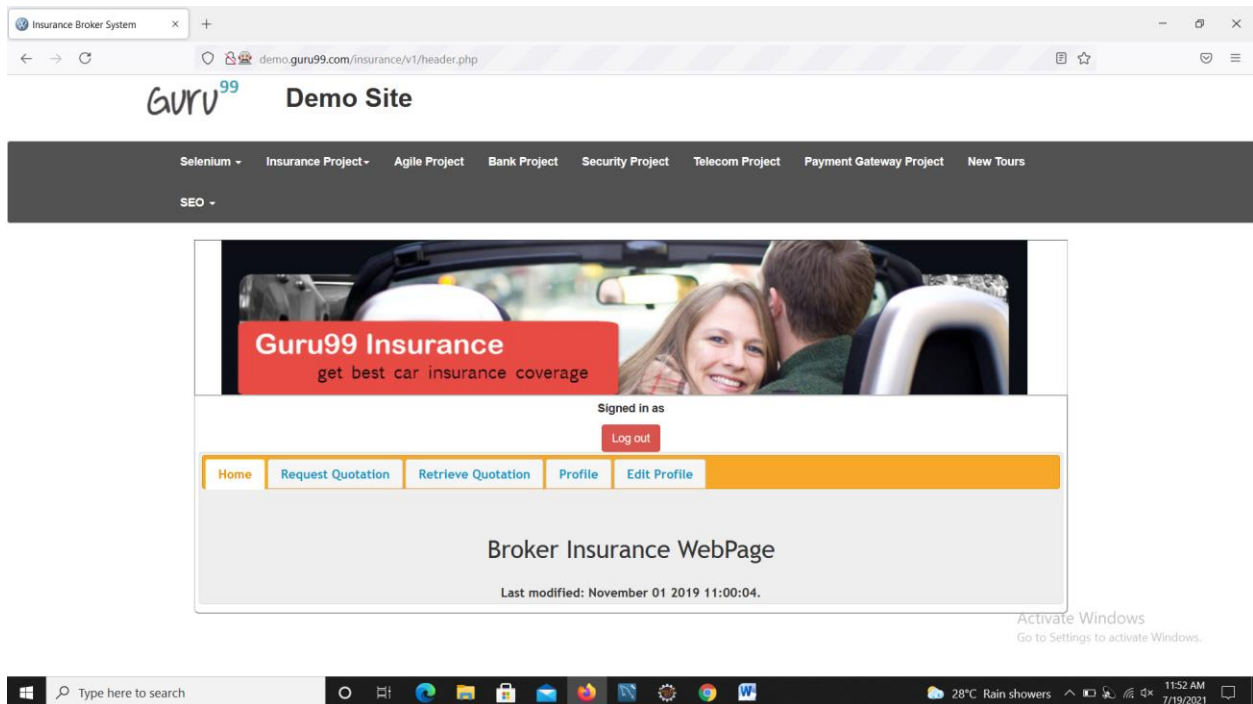
DC03- Blank deleted successfully is defect

TC16- To check functionality of Insurance Project

```
//Insurance Project  
w.findElement(By.LinkText("Insurance Project")).click();  
System.out.println(w.getTitle());  
w.findElement(By.id("email")).sendKeys(" ");  
w.findElement(By.id("password")).sendKeys(" ");
```

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



```
System.out.println("Insurance Project");
```

DC04- Blank data accepted and Login Successfully

TC17- To check functionality of Agile Project

```
//Agile Project
w.findElement(By.LinkText("Agile Project")).click();
w.findElement(By.name("uid")).sendKeys("1303");
w.findElement(By.name("password")).sendKeys("Guru99");
System.out.println(w.getTitle());
w.findElement(By.name("btnLogin")).click();
Thread.sleep(2000);
w.findElement(By.LinkText("Log out")).click();
Alert a3 = w.switchTo().alert();
System.out.println(a3.getText());
a3.accept();
System.out.println("Agile Project");
w.navigate().back();
```

TC18- To check functionality of Bank Project

```
//Bank Project
w.findElement(By.LinkText("Bank Project")).click();
w.findElement(By.name("uid")).sendKeys("mngn341826");
w.findElement(By.name("password")).sendKeys("atEdAge");
w.findElement(By.name("btnLogin")).click();
System.out.println(w.getTitle());
w.findElement(By.LinkText("Log out")).click();
System.out.println("Bank Project");
Thread.sleep(2000);
w.navigate().back();
```

TC19- To check functionality of Security Project

```
//Security Project
w.findElement(By.LinkText("Security Project")).click();
w.findElement(By.name("uid")).sendKeys("test");
w.findElement(By.name("password")).sendKeys("test");
System.out.println(w.getTitle());
w.findElement(By.name("btnLogin")).click();
System.out.println("Security Project");
Alert a4 = w.switchTo().alert();
System.out.println(a4.getText());
a4.accept();
w.navigate().back();
```

TC20- To check functionality of Telecom Project

//Telecom Project

```
w.findElement(By.LinkText("Telecom Project")).click();
w.findElement(By.LinkText("Add Customer")).click();
w.findElement(By.xpath("/html[1]/body[1]/section[1]/div[1]/form[1]/div[1]/div[2]/label[1]")).click();
w.findElement(By.id("fname")).sendKeys("Mayuri");
w.findElement(By.id("lname")).sendKeys("P");
w.findElement(By.id("email")).sendKeys("mpatil@com.go");
w.findElement(By.name("addr")).sendKeys("Panvel 410206");
w.findElement(By.id("telephoneno")).sendKeys("123456");
Thread.sleep(2000);
```

Guru99 Telecom Add Customer

demo.guru99.com/telecom/addcustomer.php

Background Check

☐ Done ☒ Pending

Billing address

Mayuri P

mpatil@com.go

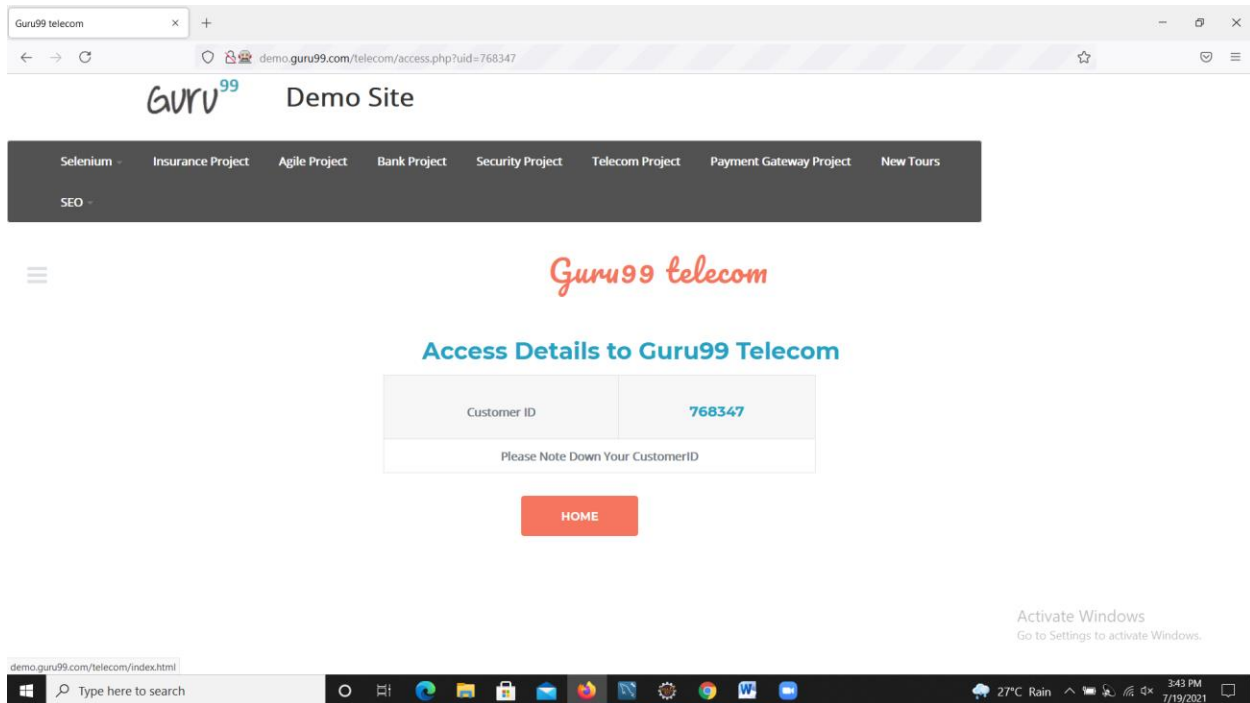
Panvel 410206

123456

SUBMIT **RESET**

Activate Windows
Go to Settings to activate Windows.

```
w.findElement(By.name("submit")).click();
System.out.println(w.getTitle());
```

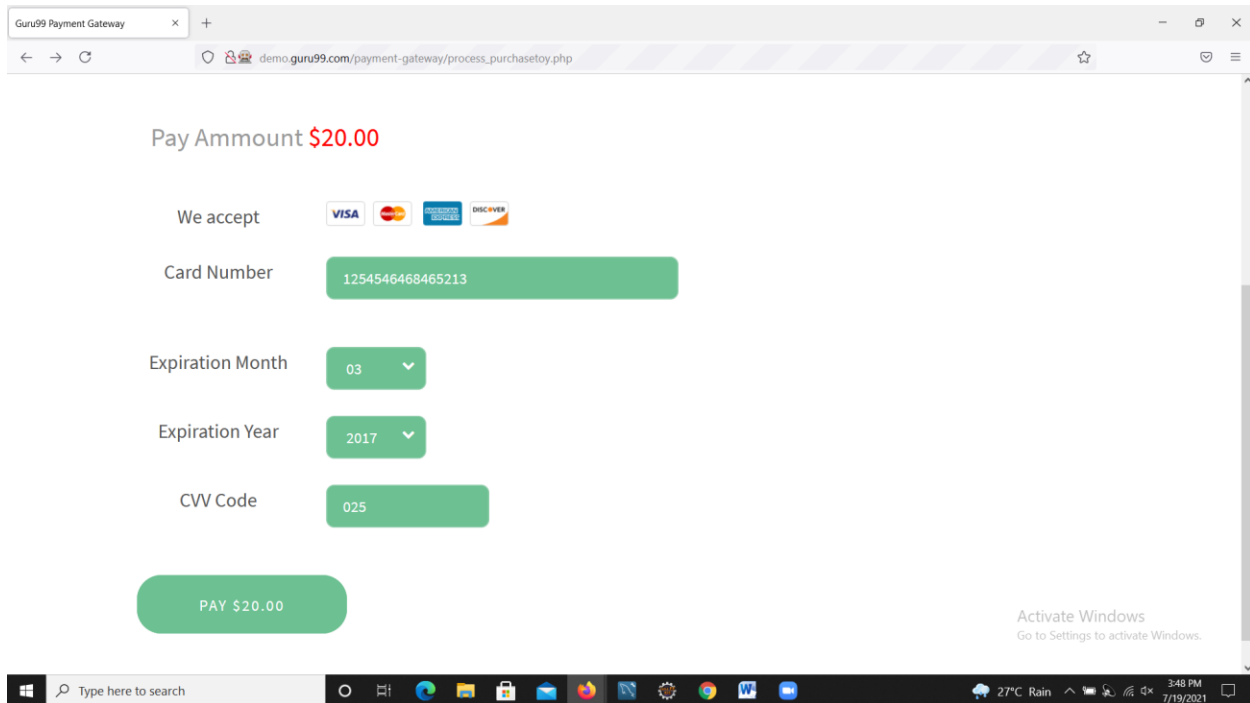


DC05- Accepting invalid mobile number.

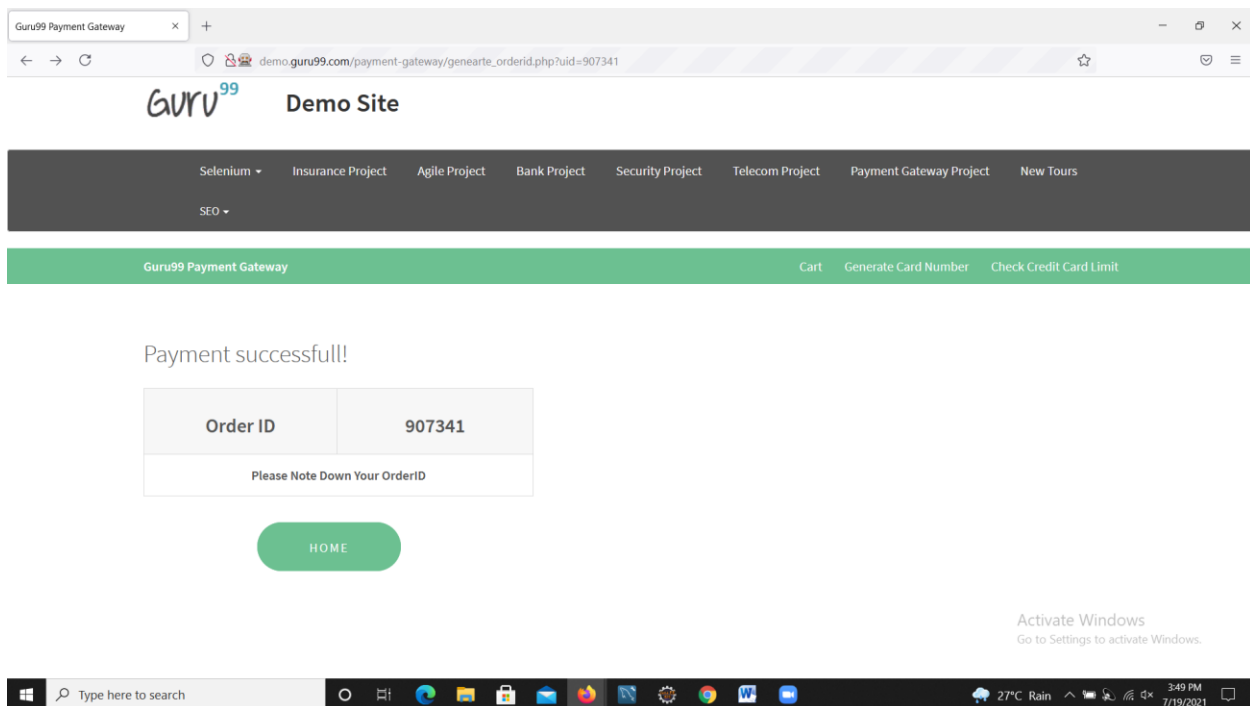
```
w.findElement(By.LinkText("Home")).click();
```

TC21- To check functionality of Payment Gateway Project

```
//Payment Gateway Project
w.findElement(By.LinkText("Payment Gateway Project")).click();
w.findElement(By.xpath("/html[1]/body[1]/section[1]/div[1]/form[1]/div[1]/div[8]/ul[1]/li[1]/input[1]")).click();
w.findElement(By.id("card_nmuber")).sendKeys("1254546468465213");
Select m =new Select(w.findElement(By.name("month")));
m.selectByValue("3");
Select Y=new Select(w.findElement(By.name("year")));
Y.selectByValue("2017");
w.findElement(By.id("cvv_code")).sendKeys("025");
System.out.println(w.getTitle());
Thread.sleep(2000);
```



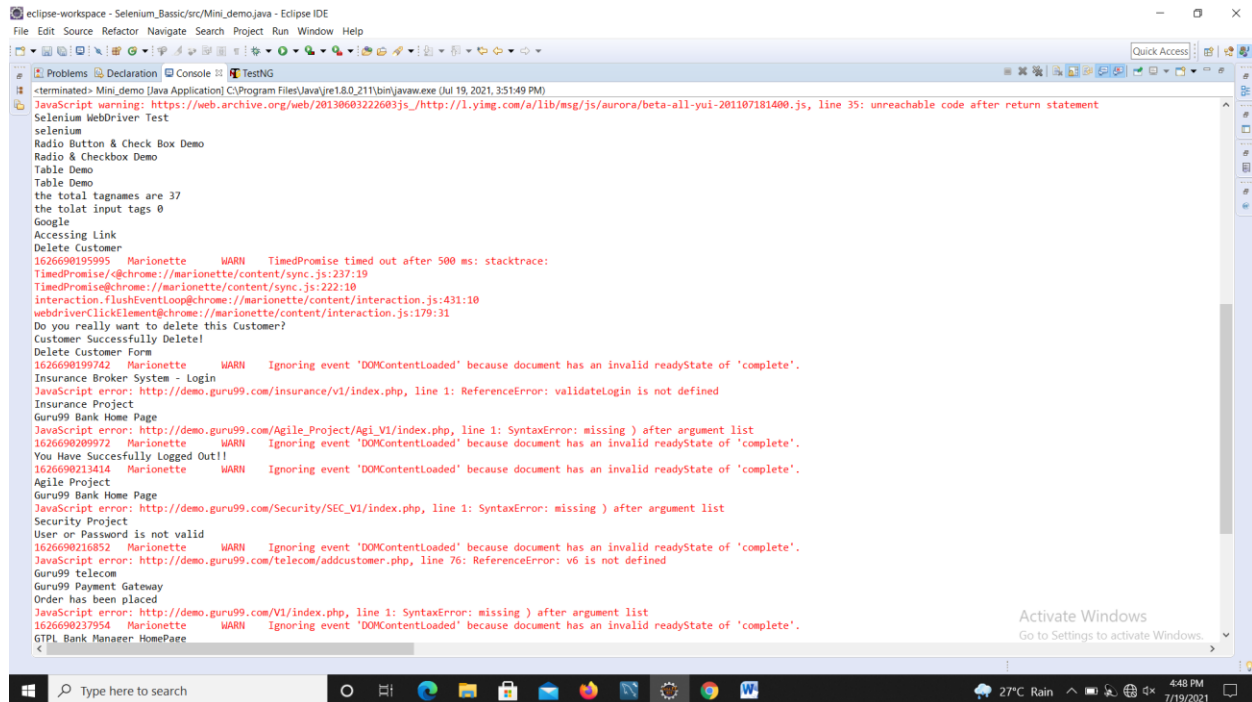
```
w.findElement(By.name("submit")).click();
```



```
System.out.println("Order has been placed");
```

DC06- Accepting Invalid card year(Expired card details)

CONSOLE WINDOW-



The screenshot shows the Eclipse IDE interface with the 'Console' window active. The console displays the output of a Selenium WebDriver test. The logs include the following information:

- Test Name: Mini_demo [Java Application]
- Test Path: C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (Jul 19, 2021, 3:51:49 PM)
- Test Framework: Selenium WebDriver Test
- Test Suite: selenium
- Test Case: Radio Button & Check Box Demo
- Test Step: Radio & Checkbox Demo
- Test Step: Table Demo
- Test Step: Table Demo
- Test Step: the total tagnames are 37
- Test Step: the total input tags 0
- Test Step: Google
- Test Step: Accessing Link
- Test Step: Delete Customer
- Test Step: 1626690195995 Marionette WARN TimedPromise timed out after 500 ms: stacktrace: TimedPromise@chrome://marionette/content/sync.js:237:19
- Test Step: 1626690209972 Marionette WARN Ignoring event 'DOMContentLoaded' because document has an invalid readyState of 'complete'.
- Test Step: Insurance Broker System - Login
- Test Step: JavaScript error: http://demo.guru99.com/insurance/v1/index.php, line 1: ReferenceError: validateLogin is not defined
- Test Step: Insurance Project
- Test Step: Guru99 Bank Home Page
- Test Step: JavaScript error: http://demo.guru99.com/Agile_Project/Agile_V1/index.php, line 1: SyntaxError: missing) after argument list
- Test Step: 1626690209972 Marionette WARN Ignoring event 'DOMContentLoaded' because document has an invalid readyState of 'complete'.
- Test Step: You Have Successfully Logged Out!!
- Test Step: 1626690213414 Marionette WARN Ignoring event 'DOMContentLoaded' because document has an invalid readyState of 'complete'.
- Test Step: Agile Project
- Test Step: Guru99 Bank Home Page
- Test Step: JavaScript error: http://demo.guru99.com/Security/SEC_V1/index.php, line 1: SyntaxError: missing) after argument list
- Test Step: Security Project
- Test Step: User or Password is not valid
- Test Step: 1626690216852 Marionette WARN Ignoring event 'DOMContentLoaded' because document has an invalid readyState of 'complete'.
- Test Step: JavaScript error: http://demo.guru99.com/telecom/addcustomer.php, line 76: ReferenceError: v6 is not defined
- Test Step: Guru99 telecom
- Test Step: Guru99 Payment Gateway
- Test Step: Order has been placed
- Test Step: JavaScript error: http://demo.guru99.com/V1/index.php, line 1: SyntaxError: missing) after argument list
- Test Step: 1626690237954 Marionette WARN Ignoring event 'DOMContentLoaded' because document has an invalid readyState of 'complete'.
- Test Step: GTPL Bank Manager HomePage

The console window also shows a warning message at the top: "JavaScript warning: https://web.archive.org/web/20130603222603js_/http://1.yimg.com/a/lib/msg/js/aurora/beta-all-yui-201107181400.js, line 35: unreachable code after return statement".

Defect on JIRA TOOL:-

The image displays two screenshots of the Jira Software web interface, showing defect tickets. The top screenshot shows a ticket titled "DC_01- To check functionality of login Button in insurance project." and the bottom screenshot shows a ticket titled "DC05- Accepting invalid mobile number and mail id in Telecom Project". Both tickets are assigned to "Development Team Leader" and have a "Medium" priority. The interface includes a navigation bar, a search bar, and a sidebar with project details. The bottom screenshot also shows a "Test data" section with specific input values for a background check.

Top Screenshot: DC_01- To check functionality of login Button in insurance project.

Description

1. Launch browser
2. open url : <http://demo.guru99.com/test/newtours/>
3. Click on insurance project
4. Blank Username :
5. Blank Password :
6. Click on Login

Expected result -Login should not be unsuccessful.
Actual result-Login is done.

Environment

Windows10
Firefox(Gecko Driver)

Activity

Show: All Comments History Work log

Oldest first 15

Add a comment...

Pro tip: press **M** to comment

Details

Reporter: testereEDU

Assignee: Development Team Leader

Labels: None

Priority: Medium

More fields: Original estimate, Time tracking, Epic Link, Components, Fix versions...

Created 43 seconds ago
Updated 43 seconds ago

Configure

Activate Windows
Go to Settings to activate Windows.

Bottom Screenshot: DC05- Accepting invalid mobile number and mail id in Telecom Project

Description

1. Launch the browser.
2. Open Url-<http://demo.guru99.com/test/newtours/index.php/v/n>
3. Click on Telecom Project
4. Select Background check
5. Enter First name.
6. Enter Last name.
7. Enter mail id
8. Enter Address.
9. Enter Invalid Mobile number.

Test data:-

Select Background check -Pending
Enter First name- Mayuri
Enter Last name- P
Enter mail id- mpatil@com.go
Enter Address- Panvel 410206
Enter Mobile number- 123456

Expected result- Submit should be failed.

Add a comment...

Pro tip: press **M** to comment

Details

Reporter: testereEDU

Assignee: Development Team Leader

Labels: None

Priority: High

More fields: Original estimate, Time tracking, Epic Link, Components, Fix versions...

Created 50 seconds ago
Updated 50 seconds ago

Configure

Activate Windows
Go to Settings to activate Windows.