



A Project Report On

AUTOMATION TESTING ON MERCURY TOURS
WEBSITE

By

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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.

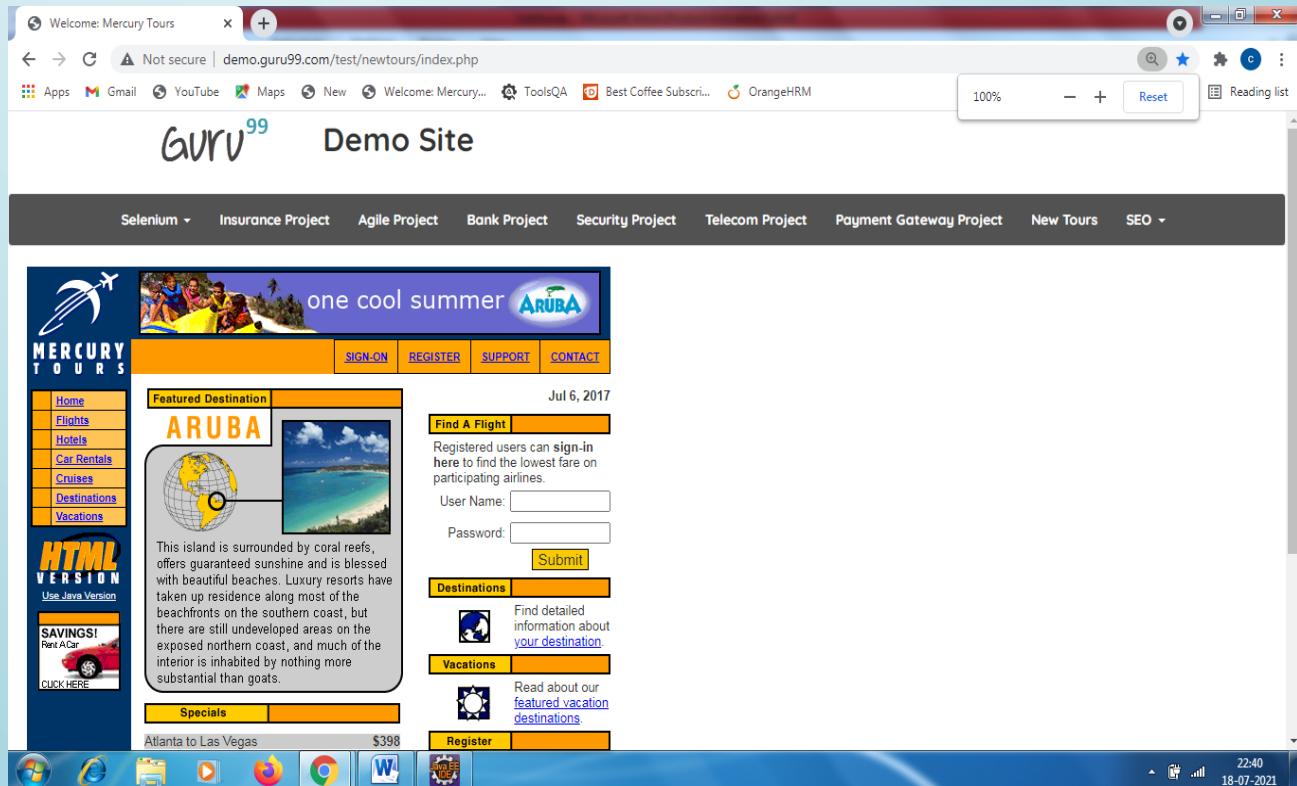
SOFTWARE REQUIREMENTS

- Operating System: Windows 7
- Browser: Latest version of Chrome
- IDE: Eclipse IDE
- Automation Tool: Selenium WebDriver
- Front-end: Java

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

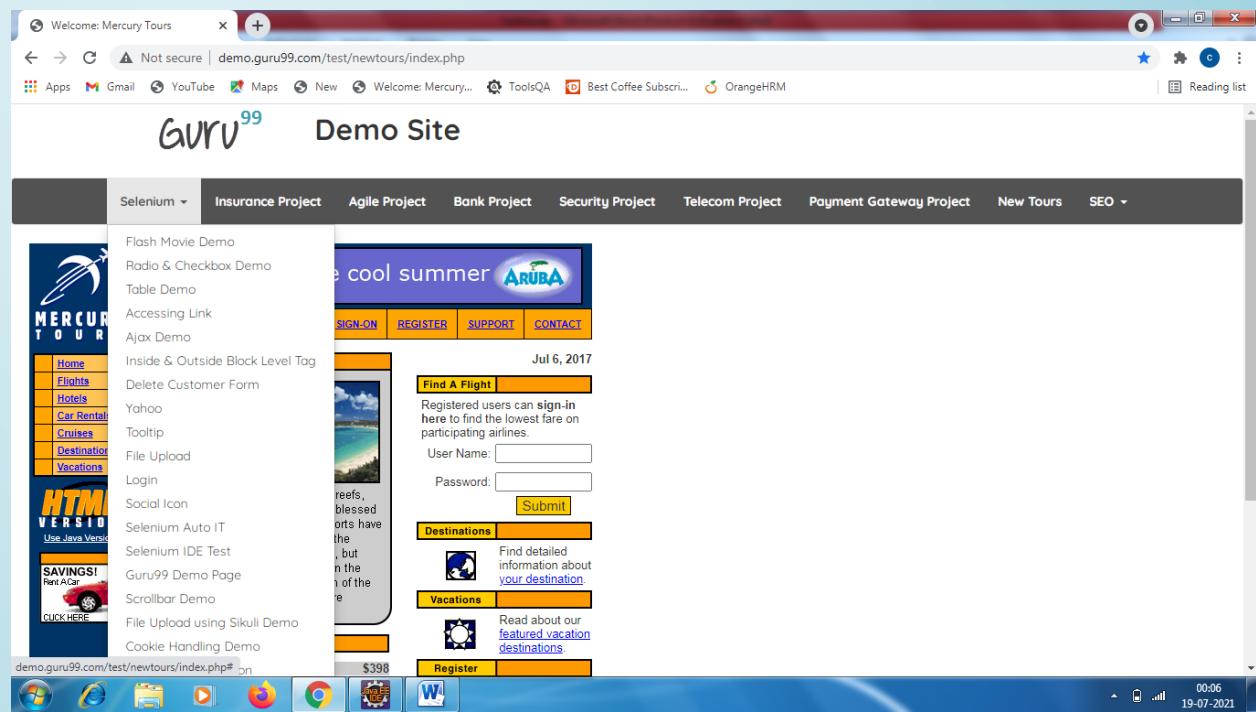
```
System.setProperty("webdriver.chrome.driver","C:\\\\Users\\\\Chetan\\\\Desktop\\\\selenium jar123\\\\chromedriver.exe");
WebDriver w=new ChromeDriver();
Thread.sleep(2000);

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



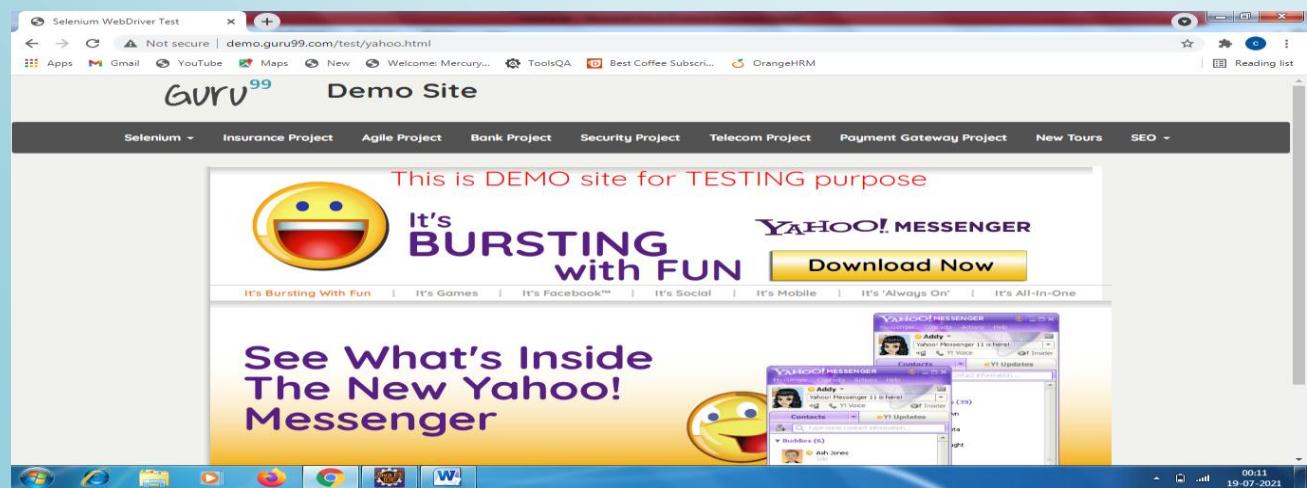
TC_02 To check the functionality of selenium dropdown button.

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



TC_03 To check the functionality of “Yahoo” button

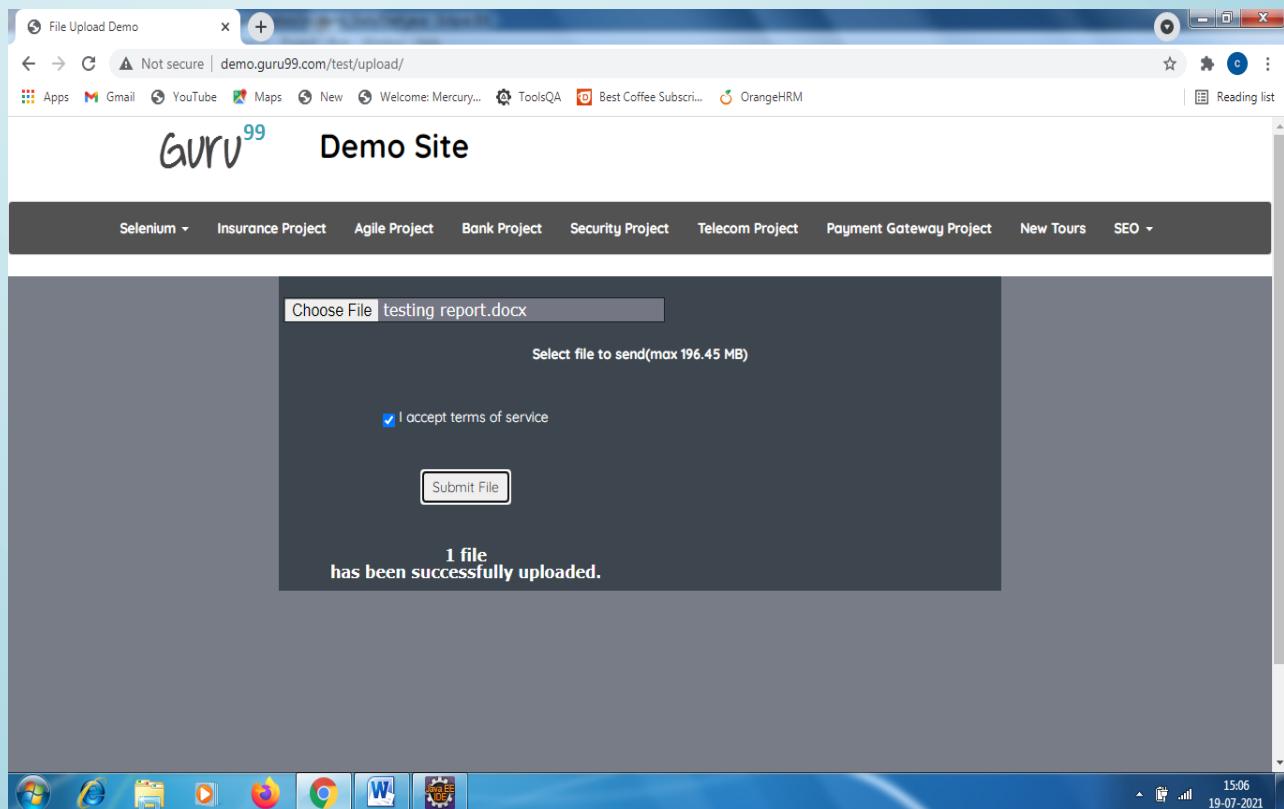
```
w.findElement(By.linkText("Yahoo")).click();
Thread.sleep(3000);
w.navigate().to("http://demo.guru99.com/test/newtours/index.php");
```



TC_04 To check the functionality of file upload button

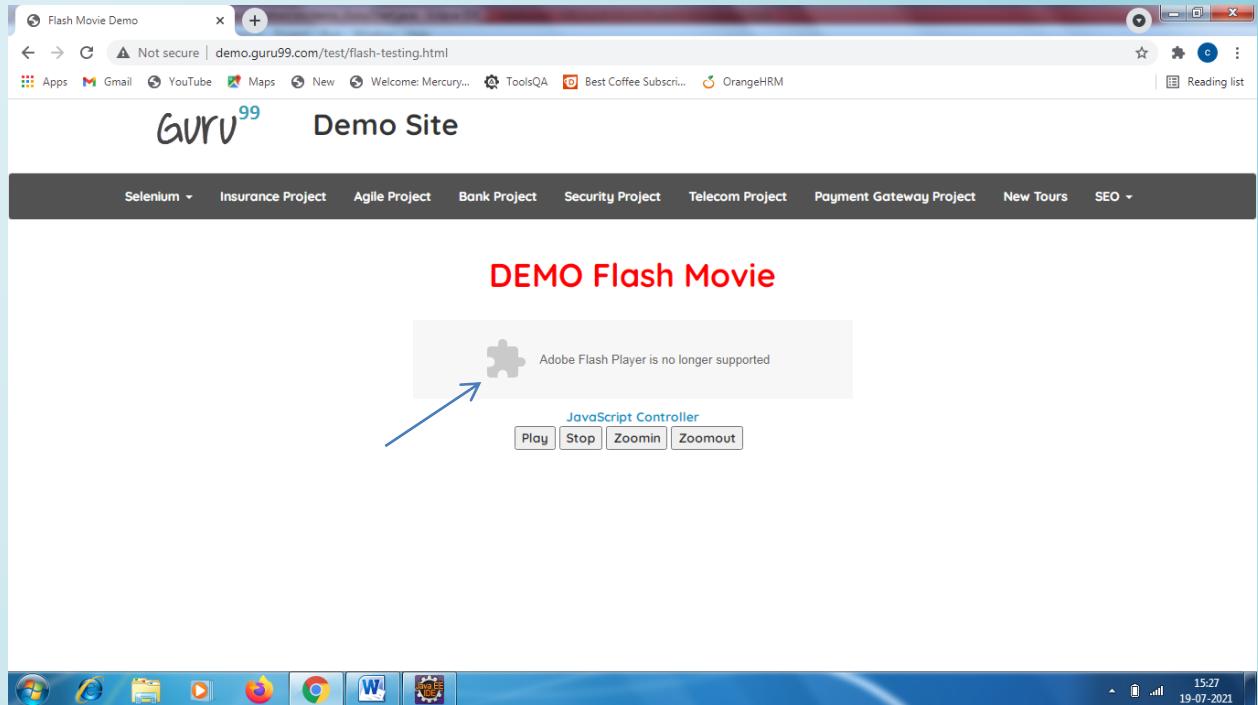
```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("File Upload")).click();

w.findElement(By.id("uploadfile_0")).sendKeys("C:\\\\Users\\\\Chetan\\\\Documents\\\\testing report.docx");
w.findElement(By.id("terms")).click();
w.findElement(By.id("submitbutton")).click();
```



TC_05 To check the functionality of “flash movie button”.

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Flash Movie Demo")).click();
```



Defect:-

Expected result:- flash movie page should be open have a flash movie

Actual result:- adobe flash player is no longer supported text is visible on screen

TC_O6 To check the functionality of 'play, stop, zoomin, zoomout' buttons.

```
w.findElement(By.name("Play")).click();
w.findElement(By.name("Stop")).click();
w.findElement(By.name("Zoomin")).click();
w.findElement(By.name("Zoomout")).click();
```

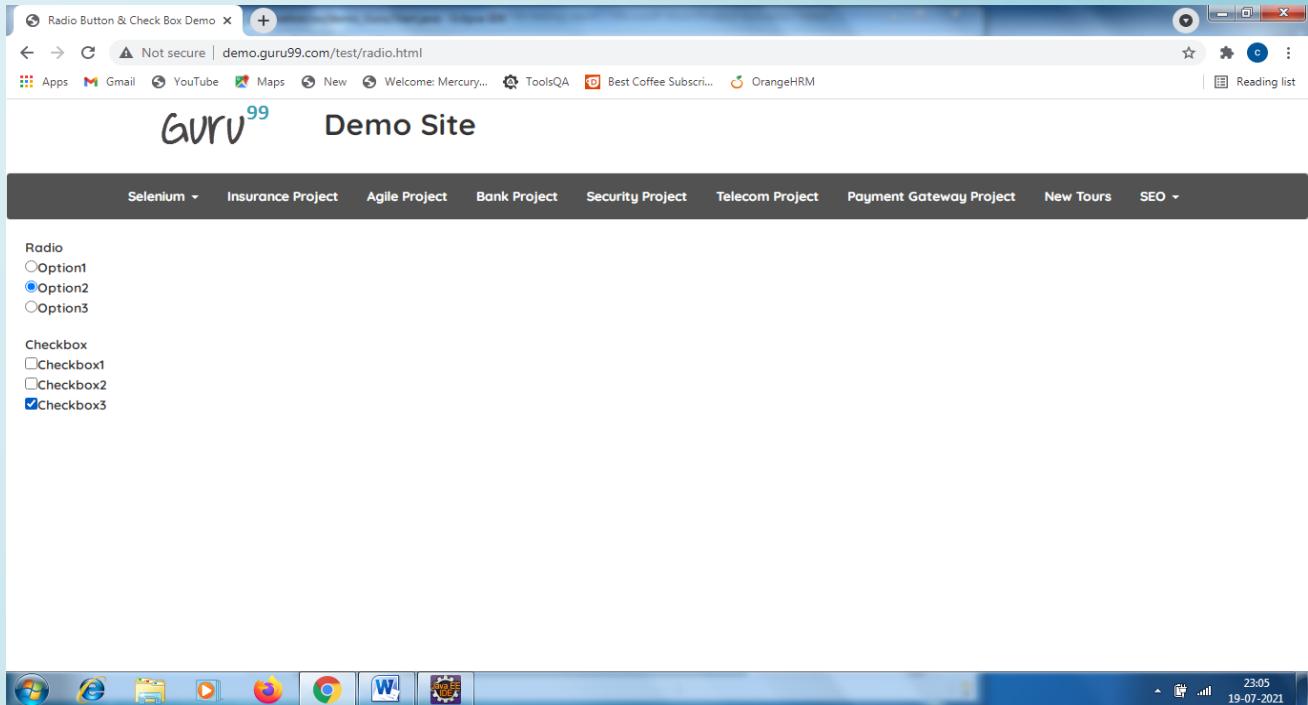
Defect:-

Expected result:-when click on play button movie should be play

Actual result:- movie is not playing

TC_07 To check the functionality of radio and checkbox demo button

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



TC_08 To check the functionality of table button.

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

TC_09 To check the functionality of accessing link button.

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Accessing Link")).click();
w.findElement(By.xpath("/html/body/a[2]")).click()
Thread.sleep(3000);
```

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

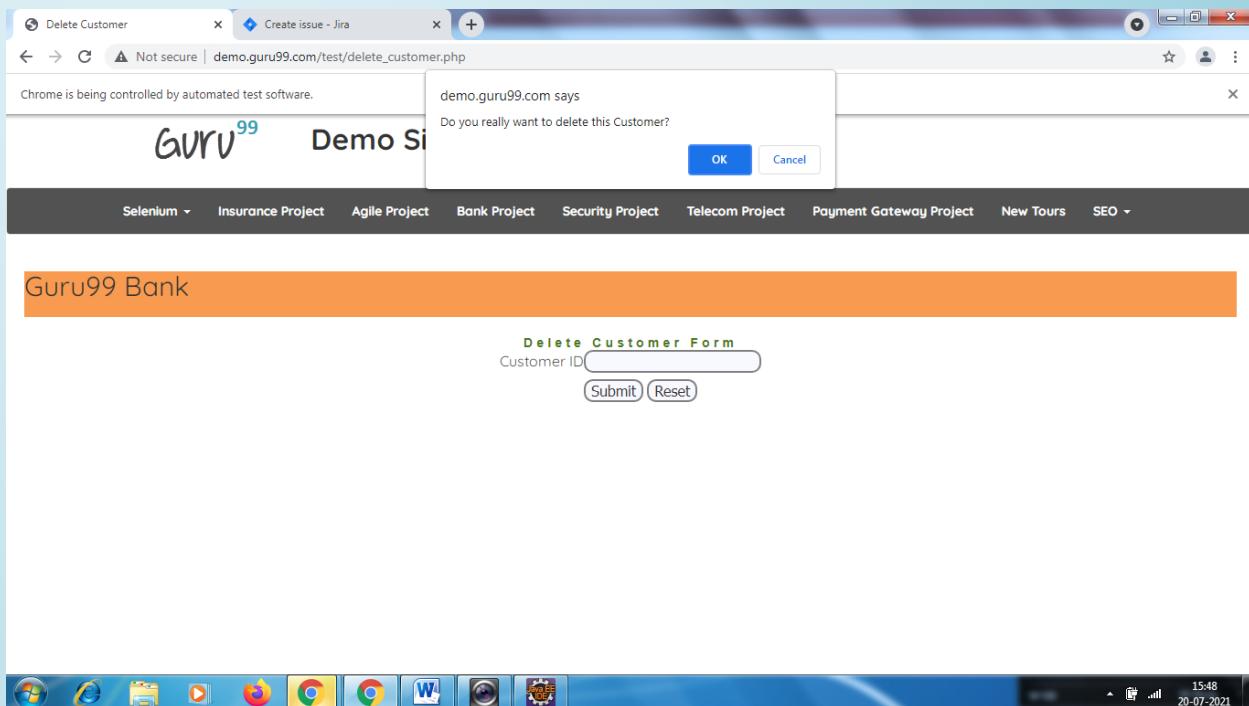
To_10 To check the functionality of ajax button.

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Ajax Demo")).click();
w.findElement(By.id("yes")).click();
w.findElement(By.id("buttoncheck")).click();

String Text=
w.findElement(By.xpath("/html/body/div[2]/form/p[3]")).getText();
System.out.println("the text is: " + Text);
```

TC_11 To check the functionality of delete customer form button.

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Delete Customer Form")).click();
w.findElement(By.name("cusid")).sendKeys("suchita");
w.findElement(By.name("submit")).click();
```



Defect:- with blank textfield submit button is working

```
Alert A1=w.switchTo().alert(); //move focus on alert window
System.out.println(A1.getText()); //to get alert message from alert
window
Thread.sleep(3000);
A1.accept();
```

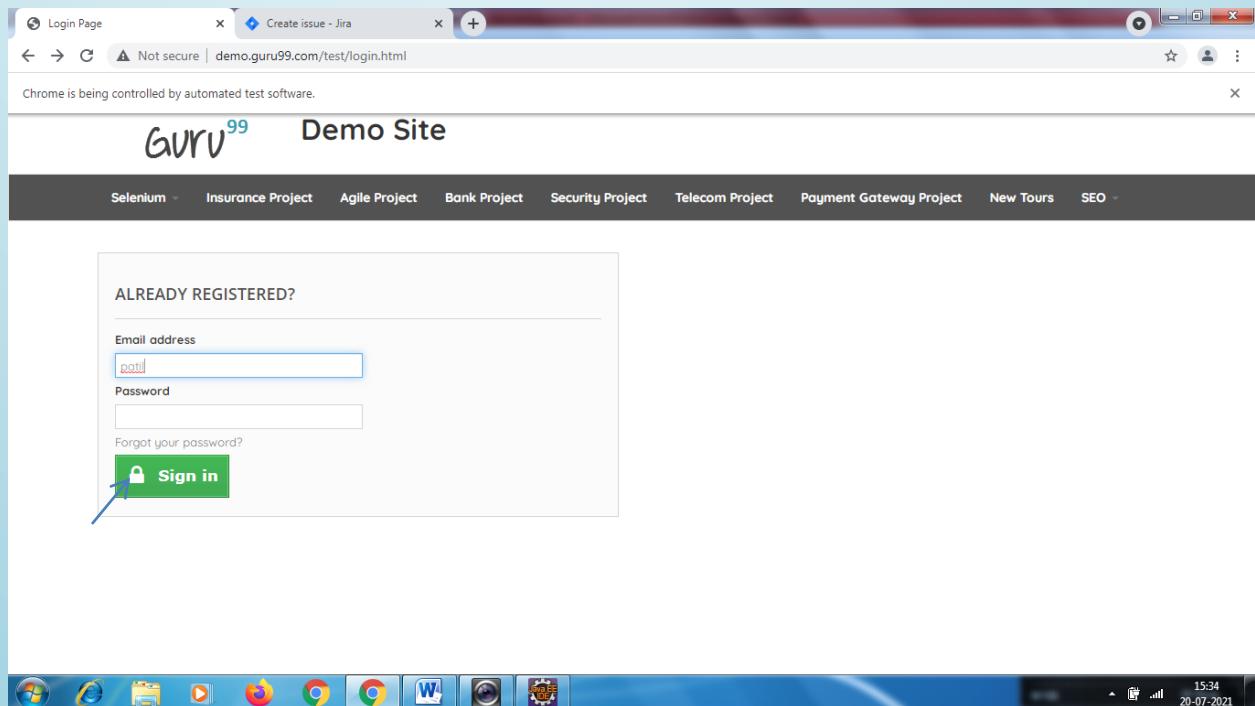
```
Alert A2=w.switchTo().alert(); //move focus on next alert window
System.out.println(A2.getText());
Thread.sleep(2000);
A2.accept();
w.navigate().back();
```

TC_12 To check the functionality of login button.

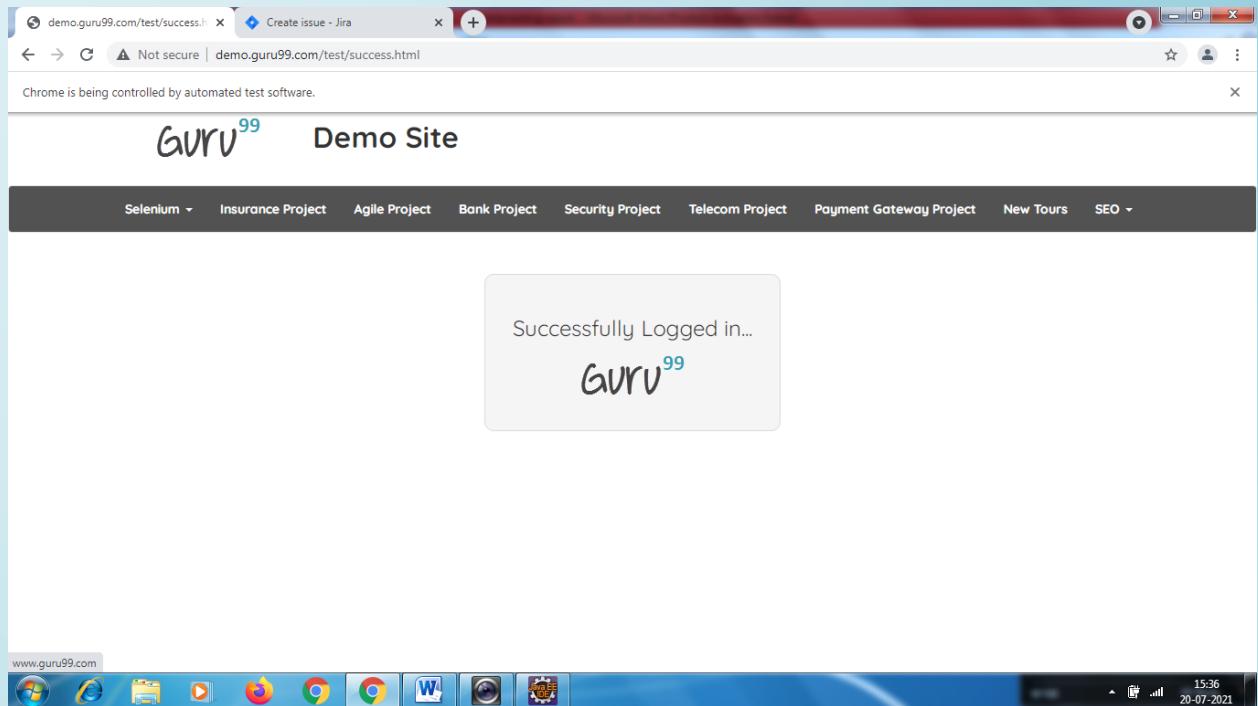
```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Login")).click();
```

TC_13 To check the functionality of 'sign in' button.

```
w.findElement(By.id("email")).sendKeys("patil@.com");
w.findElement(By.id("passwd")).sendKeys(" ");
w.findElement(By.id("SubmitLogin")).click();
Thread.sleep(2000);
String Text1=w.findElement(By.xpath("/html/body/div[2]/div/div")).getText();
System.out.println("the text is: "+Text1);
w.navigate().back()
```



Defect:-sign in is done with invalid and blank textfield



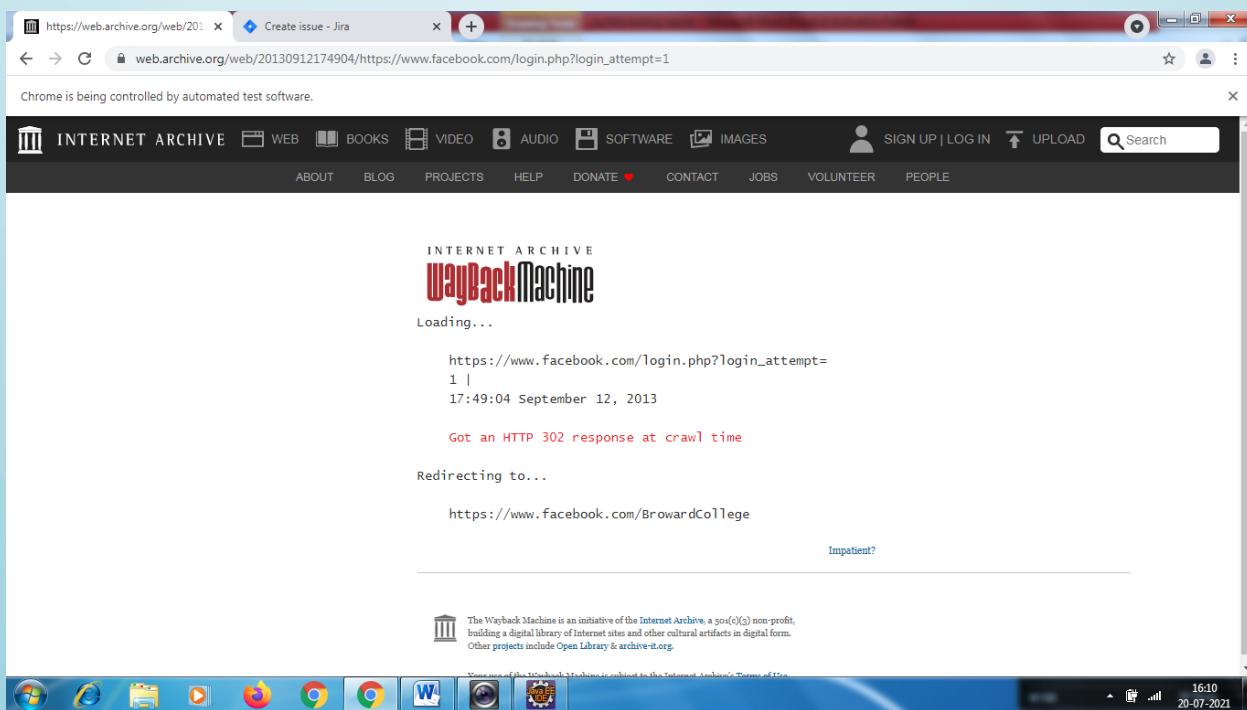
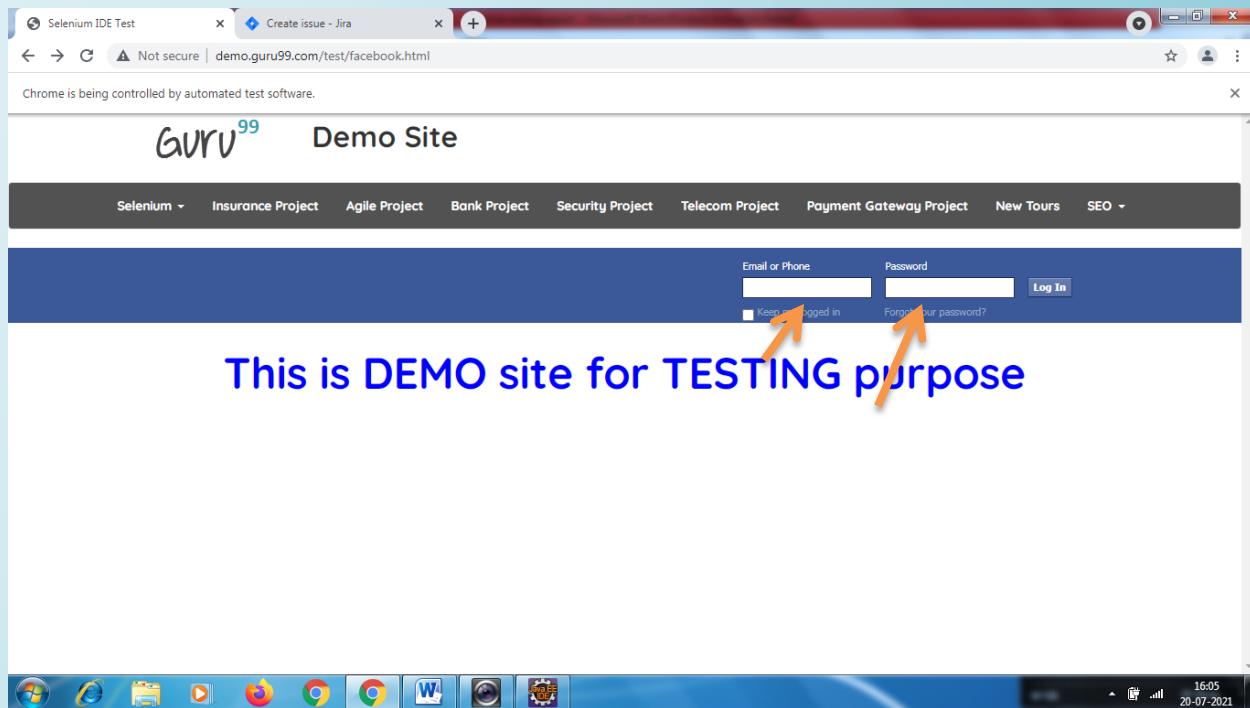
TC_14 To check the functionality of 'Selenium IDE' button.

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Selenium IDE Test")).click();
```

TC_15 To check the functionality of 'login' button in selenium ide page.

```
w.findElement(By.name("email")).sendKeys("suchita@.com");
w.findElement(By.id("pass")).sendKeys("abc");
w.findElement(By.id("loginbutton")).click();
```

Defect:- login is done with invalid data, blank text field also



Get text from selenium ide page

```
w.findElement(By.className("dropdown-toggle")).click()  
w.findElement(By.linkText("Selenium IDE Test")).click();  
String Text3=  
w.findElement(By.xpath("//*[@id='blueBar']/h1/font/center")).getText();  
System.out.println(Text3);
```

TC_16 To check functionality of 'scroll bar demo' button.

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Scrollbar Demo")).click();
w.manage().window().maximize();

WebElement Element=w.findElement(By.linkText("Ethical Hacking"));

//scroll is a javascript method JavaScriptExicutor provides an interface, to run
javascript methods from selenium Script
```

```
JavascriptExecutor js=(JavascriptExecutor) w;

js.executeScript("arguments[0].scrollIntoView()", Element);
Element.click();

js.executeScript("window.scrollBy(0,2500)", "");
System.out.println("page end");
Thread.sleep(3000);
w.navigate().to("http://demo.guru99.com/test/newtours/index.php");
```

TC_17 To check the functionality of drag and drop button.

```
w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Drag and Drop Action")).click();

w.manage().window().maximize();
//scroll down
JavascriptExecutor js1=(JavascriptExecutor) w;
js1.executeScript("window.scrollTo(0,document.body.scrollHeight)", "");

System.out.println("page end");

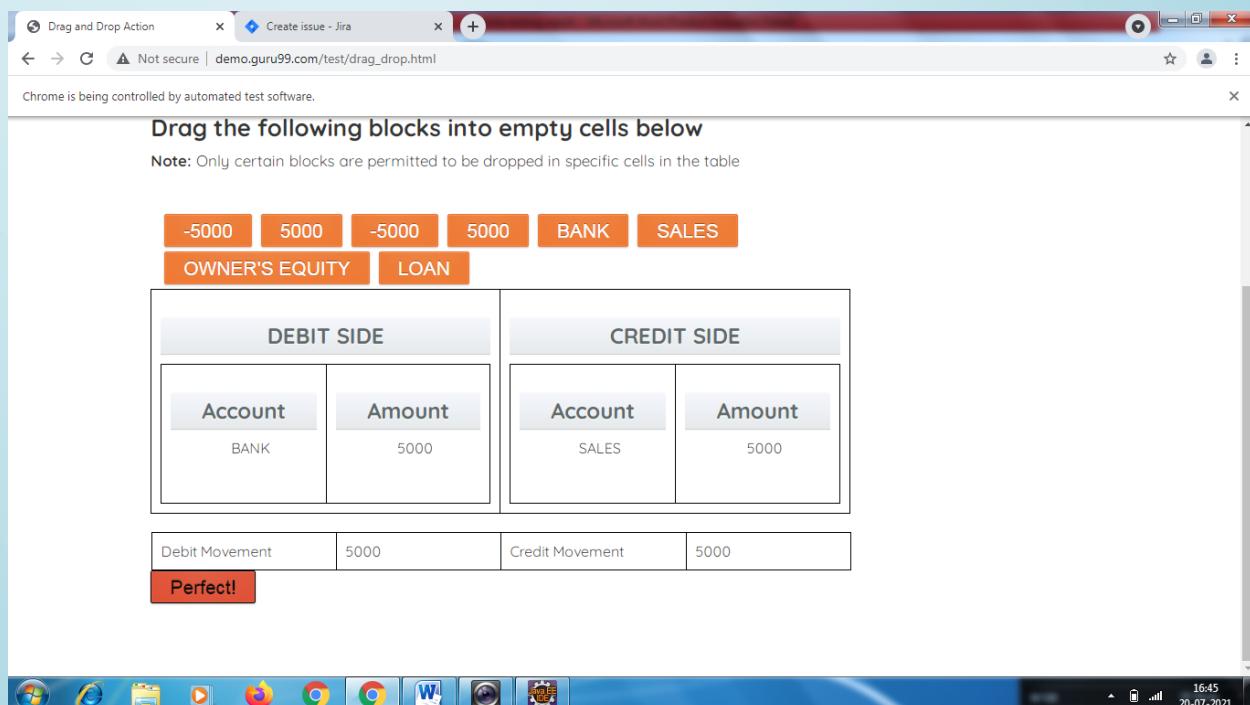
WebElement Drag=w.findElement(By.partialLinkText("BANK"));
WebElement Drop=w.findElement(By.xpath("//*[@id='loan']/li"));
Actions A=new Actions(w);
A.dragAndDrop(Drag, Drop).build().perform();
WebElement Drag1=w.findElement(By.xpath("//*[@id='fourth']/a"));
WebElement Drop1=w.findElement(By.xpath("//*[@id='amt8']/li"));
A.dragAndDrop(Drag1, Drop1).build().perform();
```

```

WebElement Drag2=w.findElement(By.partialLinkText("SALES"));
WebElement Drop2=w.findElement(By.xpath("//*[@id=\"bank\"]/li"));
A.dragAndDrop(Drag2, Drop2).build().perform();

WebElement Drag3=w.findElement(By.xpath("//*[@id=\"credit0\"]/a"));
WebElement Drop3=w.findElement(By.xpath("//*[@id=\"amt7\"]/li"));
A.dragAndDrop(Drag3, Drop3).build().perform();
w.navigate().to("http://demo.guru99.com/test/newtours/index.php");

```



TC_18 To check functionality of 'Date picker demo' button.

```

w.findElement(By.className("dropdown-toggle")).click();
w.findElement(By.linkText("Selenium DatePicker Demo")).click();

```

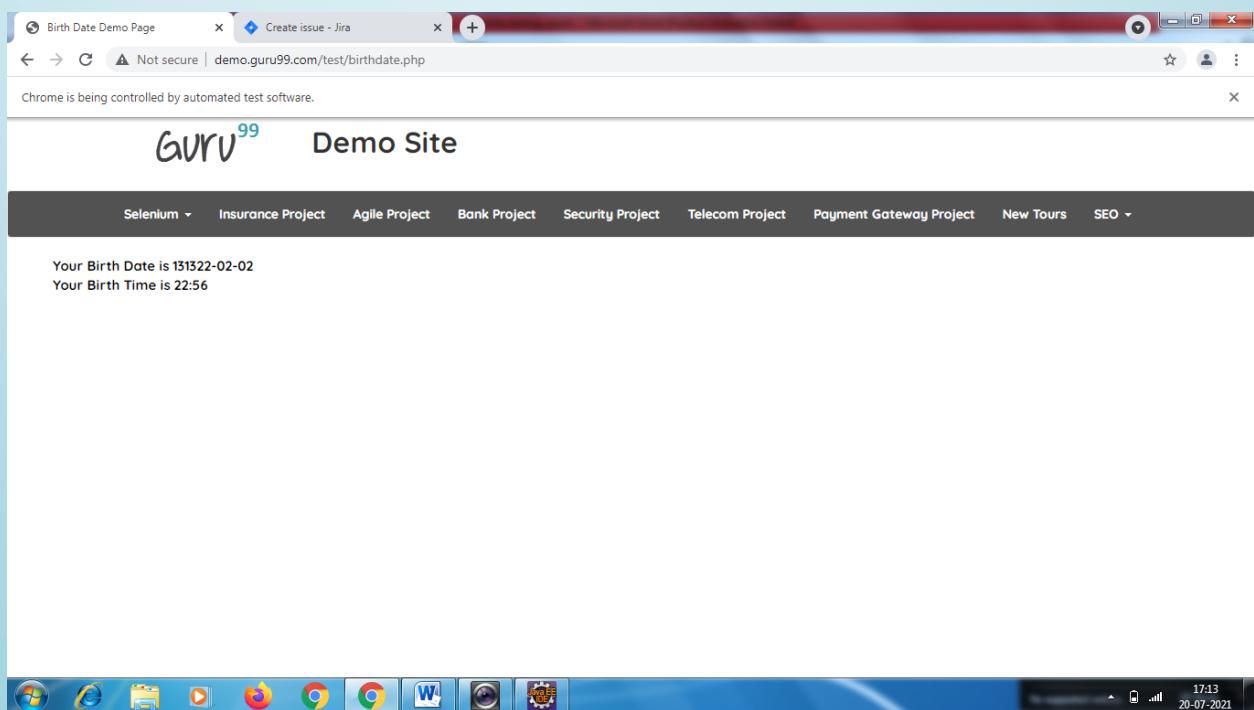
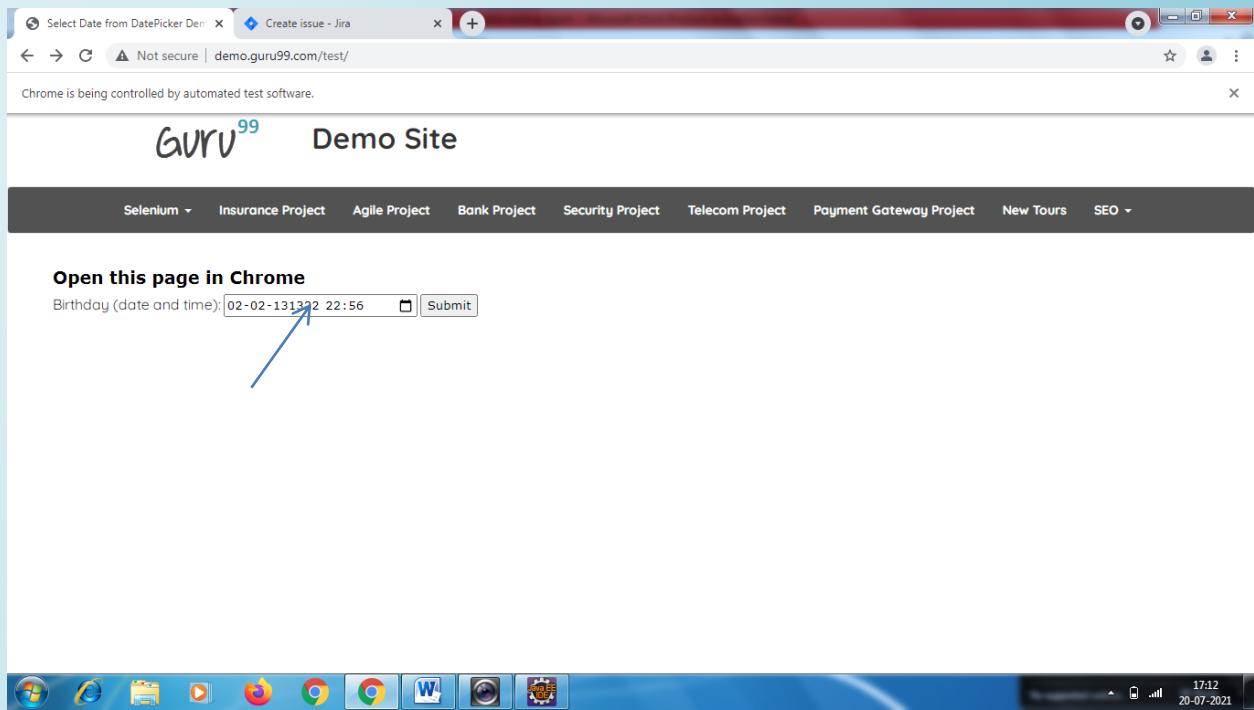
TC_19 To check functionality of submit button for date picker.

```

w.findElement(By.name("bdaytime")).sendKeys("0205199656");
w.findElement(By.xpath("/html/body/form/input[2]")).click();
w.navigate().to("http://demo.guru99.com/test/newtours/index.php");

```

Defect:-submit button is working with invalid birthyear



TC_20 To check the functionality of 'Insurance Project' button.

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

TC_21 To check the functionality of register button.

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

TC_22 To check the functionality of create button.

```
Select s=new Select (w.findElement(By.id("user_title")));
s.selectByValue("Miss");
w.findElement(By.id("user_firstname")).sendKeys("suchita");
w.findElement(By.id("user_surname")).sendKeys("patil");
w.findElement(By.id("user_phone")).sendKeys("8605425052");

//for year
Select s1=new Select (w.findElement(By.id("user_dateofbirth_1i")));
s1.selectByValue("1995");
//for month
Select s2= new Select (w.findElement(By.id("user_dateofbirth_2i")));
s2.selectByVisibleText("May");

//for date
Select s3=new Select (w.findElement(By.id("user_dateofbirth_3i")));
s3.selectByValue("2");

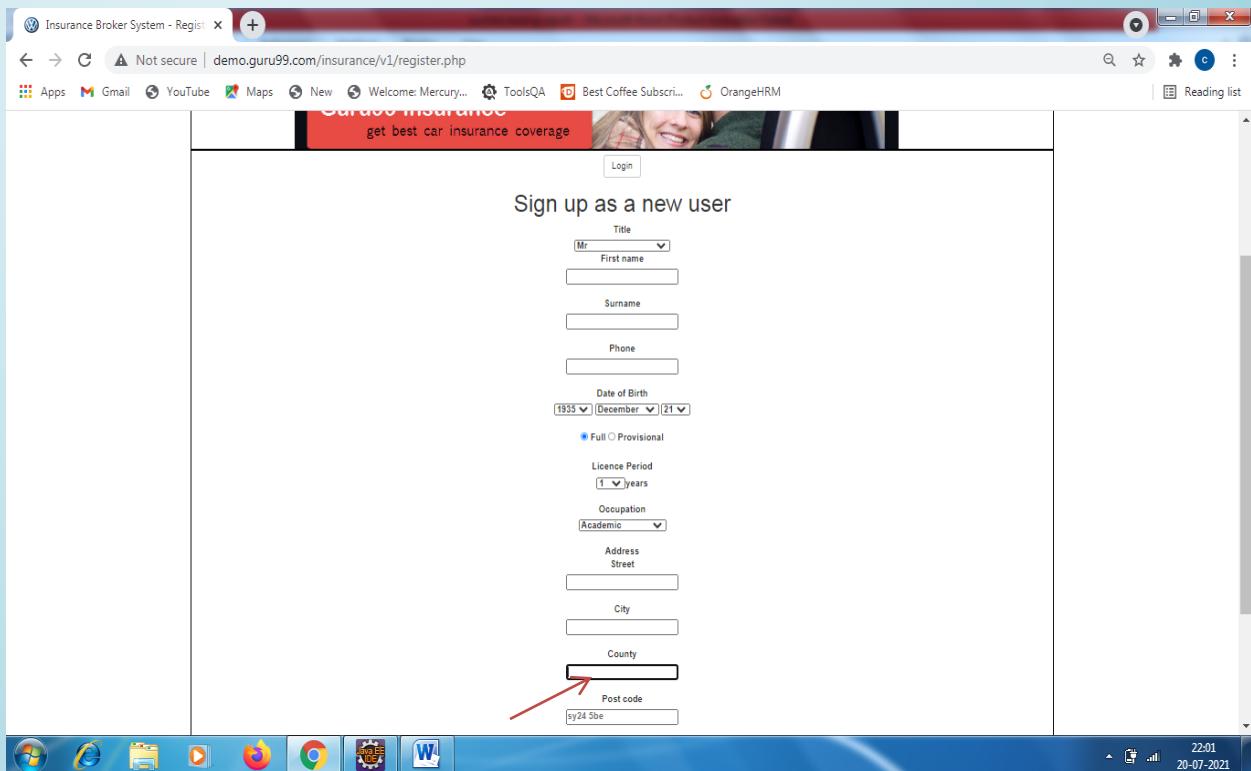
//for radio button
w.findElement(By.id("licencetype_t")).click();

//for licence period
Select s4=new Select(w.findElement(By.id("user_licenceperiod")));
s4.selectByIndex(2);

//aoccuation
Select s5=new Select(w.findElement(By.id("user_occupation_id")));
s5.selectByIndex(11);
//address
w.findElement(By.id("user_address_attributes_street")).sendKeys("maharashtra")
w.findElement(By.id("user_address_attributes_city")).sendKeys("nasik");
w.findElement(By.id("user_address_attributes_county")).sendKeys("india");
w.findElement(By.id("user_address_attributes_postcode")).sendKeys("424206");
w.findElement(By.id("user_user_detail_attributes_email")).sendKeys("suchita123@
gmail.com");
```

```
w.findElement(By.id("user_user_detail_attributes_password")).sendKeys("ramram");

w.findElement(By.id("user_user_detail_attributes_password_confirmation")).sendKeys("ramram");
w.findElement(By.name("submit")).click();
Thread.sleep(2000);
```

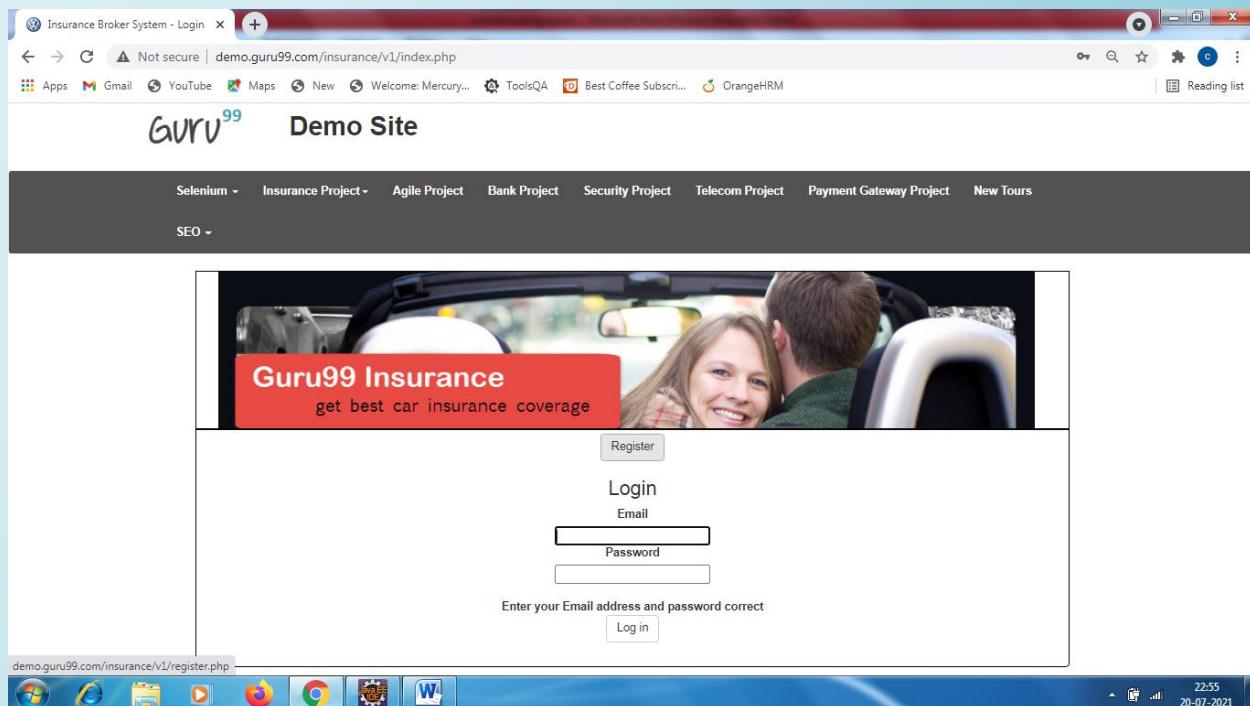


Defect:-

1. spelling mistake in country i.e. 'county'.
- 2.create button is work with valid data, invalid data and blank first name, surname, phone number, address, city, country, password and confirm password textfield.

TC_23 to check the functionality of login button for insurance.

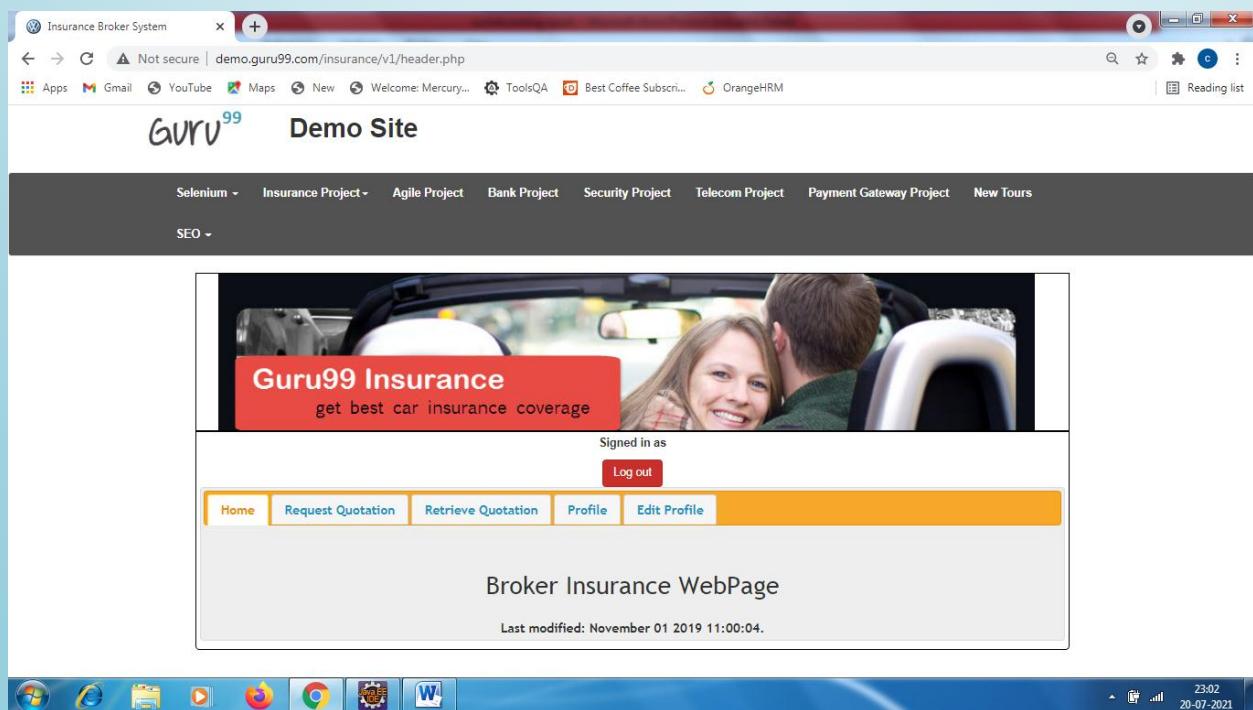
```
w.findElement(By.id("email")).sendKeys("suchita123@gmail.com");
w.findElement(By.id("password")).sendKeys("ramram");
w.findElement(By.name("submit")).click();
```



Defect:- login is successful with email and password blank textfield

TC_24 To check the functionality of 'Logout' button.

w.findElement(By.xpath("/html/body/div[3]/form/input")).click();



TC_25 To check the functionality of agil project button

```
w.findElement(By.linkText("Agile Project")).click();
w.findElement(By.name("uid")).sendKeys("1303");
w.findElement(By.name("password")).sendKeys("Guru99");
w.findElement(By.name("btnLogin")).click();
w.findElement(By.linkText("Log out")).click();
```

```
Alert A3=w.switchTo().alert();
System.out.println(A3.getText());
Thread.sleep(2000);
A3.accept();
w.navigate().back();
```

TC_26 To check the functionality of 'Bank project' button.

```
w.findElement(By.linkText("Bank Project")).click();
w.findElement(By.linkText("here")).click();
w.findElement(By.name("emailid")).sendKeys("suchitacp1996@gmail.com");
w.findElement(By.name("btnLogin")).click();
Thread.sleep(2000);
```

//for screenshot

```
TakesScreenshot t = (TakesScreenshot) w;
File shot=t.getScreenshotAs(OutputType.FILE);
Files.copy(shot, new File ("D:\\Screenshot pic\\suchi1.png"));
System.out.println("Screenshot is done");
```

```
w.navigate().to("http://demo.guru99.com/V1/index.php");
w.findElement(By.name("uid")).sendKeys("mngr336127");
w.findElement(By.name("password")).sendKeys("YsAnyza");
w.findElement(By.name("btnLogin")).click();

w.findElement(By.linkText("Log out")).click();
Alert A4=w.switchTo().alert();
System.out.println(A4.getText());
Thread.sleep(2000);
A4.accept();
```

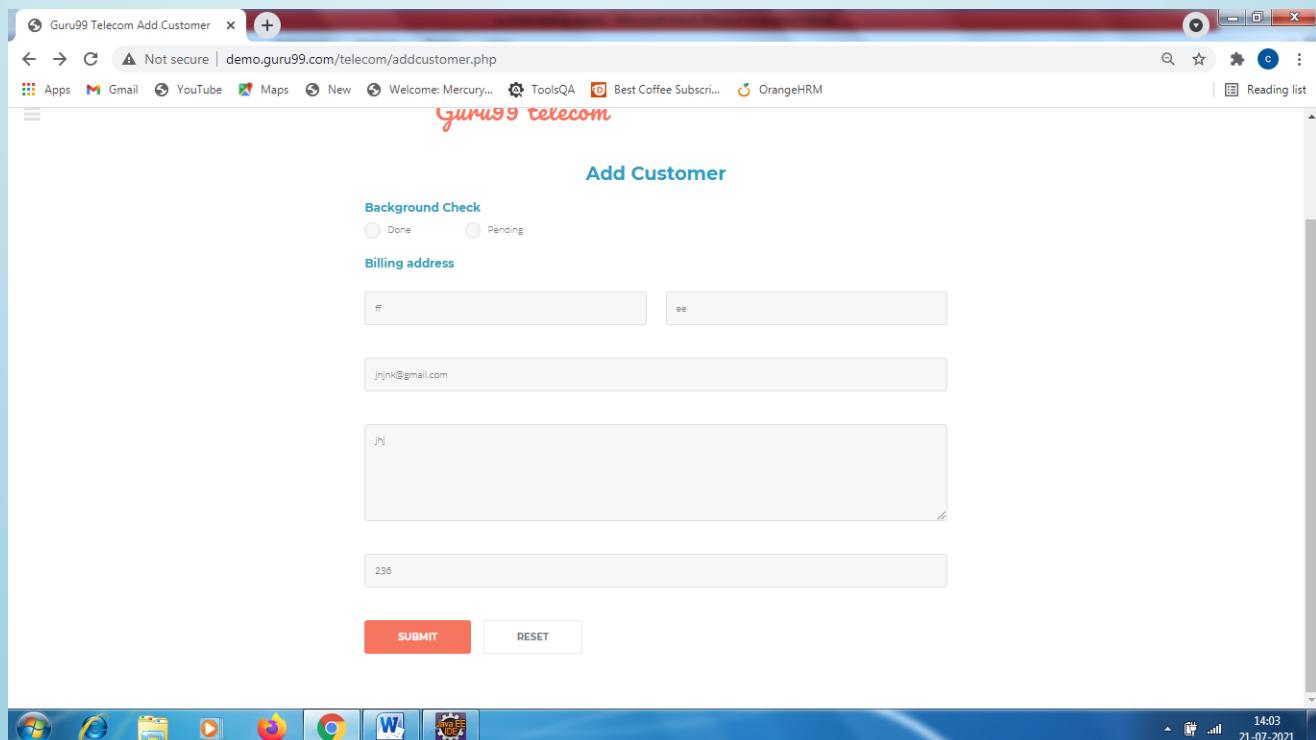
TC_27 To check the functionality of telecom project button.

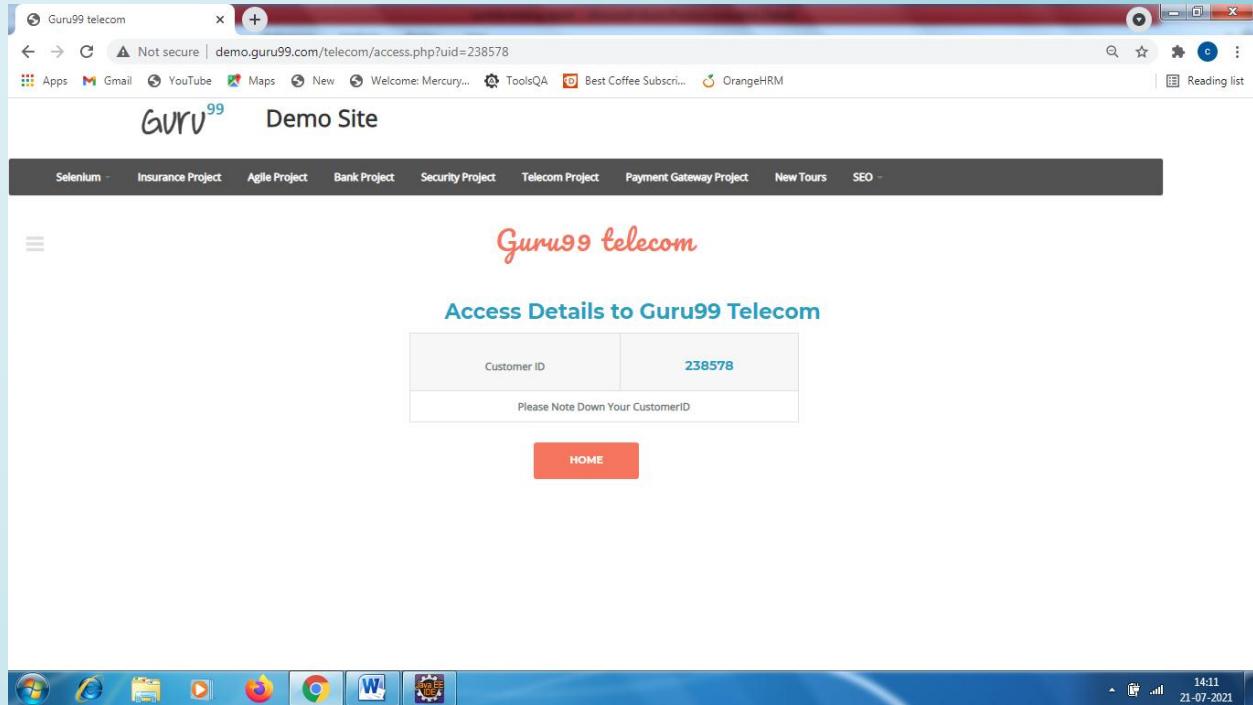
```
w.findElement(By.linkText("Telecom Project")).click();
```

TC_28 to check the functionality of add customer button

```
w.findElement(By.linkText("Add Customer")).click();
w.findElement(By.xpath("//label[contains(text(),'Done')]")).click();
w.findElement(By.id("fname")).sendKeys("suchita");
w.findElement(By.id("lname")).sendKeys("patil");
w.findElement(By.id("email")).sendKeys("suchita123@gmail.com");
w.findElement(By.name("addr")).sendKeys("nashik");
w.findElement(By.id("telephoneno")).sendKeys("9421567793");
w.findElement(By.name("submit")).click();
w.findElement(By.className("button")).click();
```

Defect:- Customer add successfully with invalid mobile number





TC_29 To check functionality of buy button

```
w.findElement(By.linkText("Payment Gateway Project")).click();
Select q= new Select (w.findElement(By.name("quantity")));
q.selectByValue("4");

w.findElement(By.xpath("//body/section[@id='three']/div[1]/form[1]/div[1]/div[8]/ul[1]/li[1]/input[1]")).click();
```

TC_30 To check functionality of pay button

```
w.findElement(By.id("card_nmuber")).sendKeys("3456765478678965");
Select s6= new Select (w.findElement(By.id("month")));
s6.selectByValue("8");
Select s7=new Select(w.findElement(By.xpath("//select[@id='year']")));
s7.selectByValue("2019");
w.findElement(By.id("cvv_code")).sendKeys("234");
w.findElement(By.name("submit")).click();
```

```
String p= w.findElement(By.xpath("//h2[contains(text(),'Payment
successful!')]")).getText();
System.out.println(p);
Thread.sleep(2000);
```

```
w.findElement(By.xpath("//a[contains(text(),'Home')]")).click();
w.navigate().to("http://demo.guru99.com/test/newtours/index.php");
```

Pay Amount \$80.00

We accept    

Card Number

Expiration Month

Expiration Year

CVV Code

PAY \$80.00

Defect:- payment is done with invalid expiration year

Guru⁹⁹ Demo Site

Selenium ▾ Insurance Project Agile Project Bank Project Security Project Telecom Project Payment Gateway Project New Tours
SEO ▾

Guru99 Payment Gateway Cart Generate Card Number Check Credit Card Limit

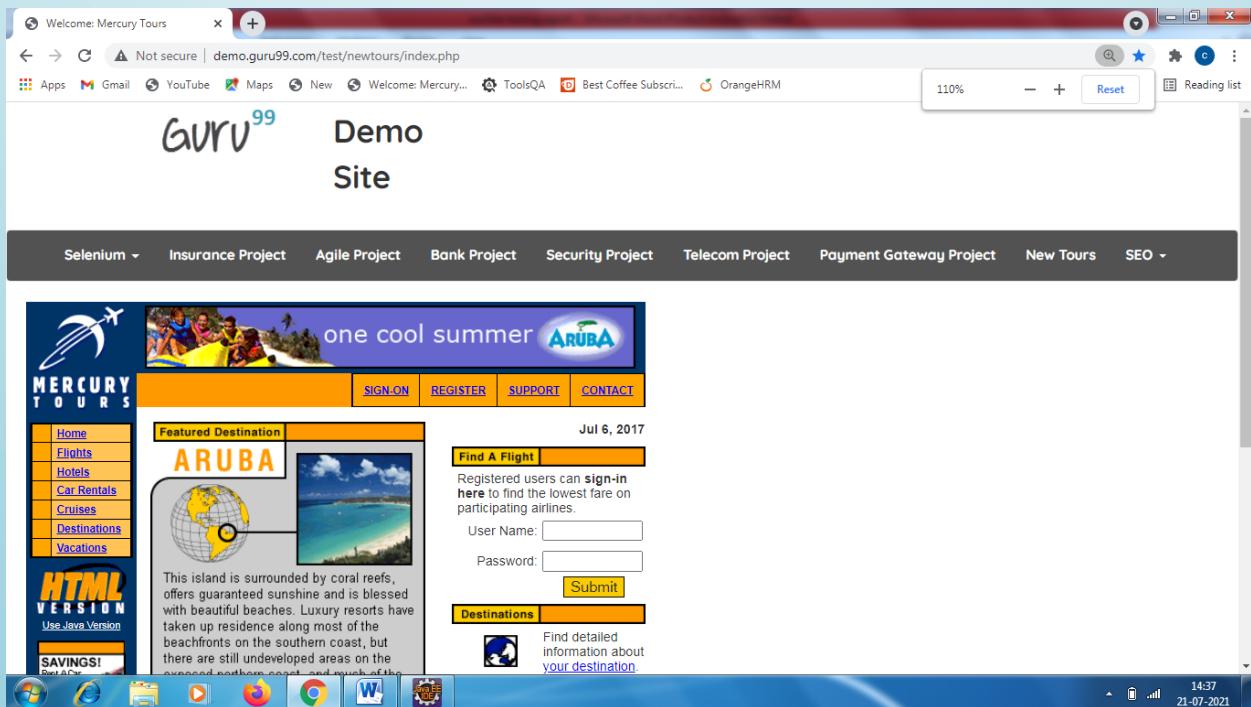
Payment successfull!

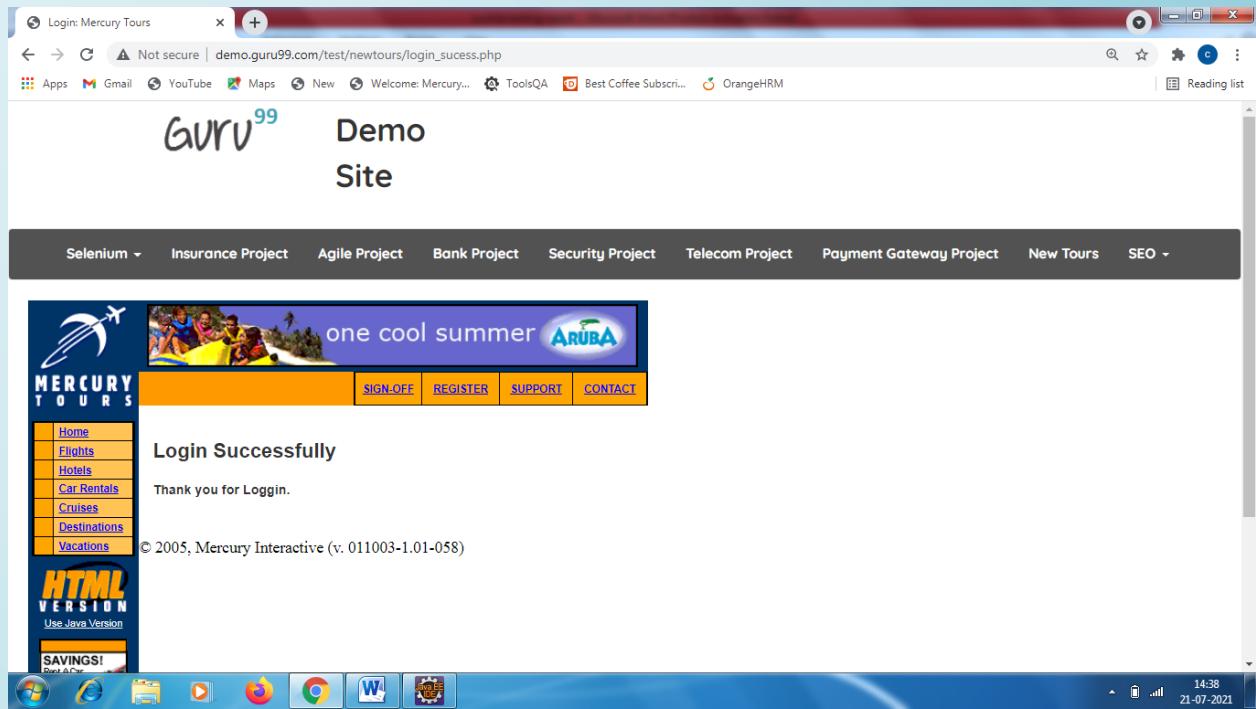
Order ID	616638
Please Note Down Your OrderID	

HOME

TC_31 To check functionality of submit button of flight

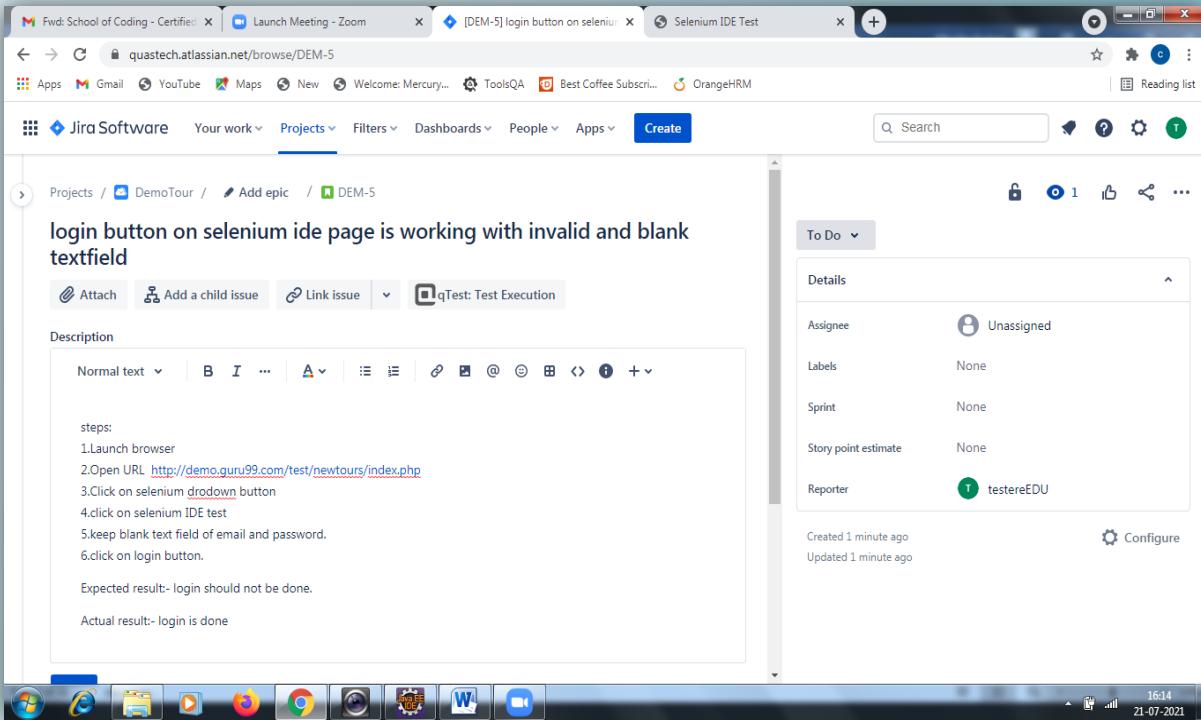
```
w.findElement(By.name("userName")).sendKeys(" ");  
w.findElement(By.name("password")).sendKeys("123");  
w.findElement(By.name("submit")).click();           //defect  
Thread.sleep(2000);  
//get title  
System.out.println(w.getTitle());  
//get text  
String l= w.findElement(By.xpath("//tbody//tr//td//h3")).getText();  
System.out.println(l);  
//sign off  
  
w.findElement(By.xpath("//body[1]/div[2]/table[1]/tbody[1]/tr[1]/td[2]/table[1]/tbody[1]/tr[2]/td[1]/table[1]/tbody[1]/tr[1]/td[1]")).click();
```





Defect:- login is successful with invalid data and blank textfield

All the defects raised on jira tool



The screenshot shows a Jira Software interface with the URL <https://quastech.atlassian.net/browse/DEM-5>. The issue title is "login button on selenium ide page is working with invalid and blank textfield". The description section contains steps for launching a browser, opening a URL, clicking on dropdown buttons, and clicking on the Selenium IDE test. It also includes expected and actual results. The details panel shows the issue is unassigned, has no labels, and is reported by 'testereEDU'. The status is 'To Do'.

login button on selenium ide page is working with invalid and blank textfield

Description

Normal text **I** *A* **B** *C* **D** *E* **F** *G* **H** *I* **J** *K* **L** *M* **N** *O* **P** *Q* **R** *S* **T** *U* **V** *W* **X** *Y* **Z** **+** **-**

steps:

- 1.Launch browser
- 2.Open URL <http://demo.guru99.com/test/newtours/index.php>
- 3.Click on selenium dropdown button
- 4.click on selenium IDE test
- 5.keep blank text field of email and password.
- 6.click on login button.

Expected result:- login should not be done.

Actual result:- login is done

To Do

Details

Assignee: Unassigned

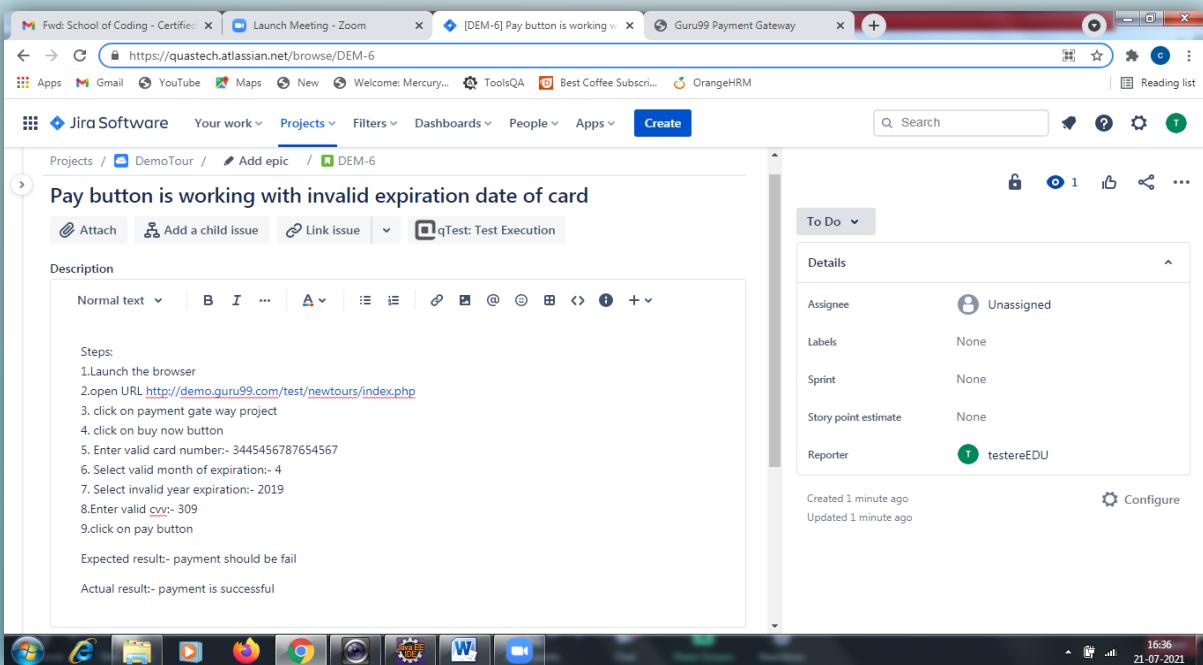
Labels: None

Sprint: None

Story point estimate: None

Reporter: testereEDU

Created 1 minute ago Updated 1 minute ago



The screenshot shows a Jira Software interface with the URL <https://quastech.atlassian.net/browse/DEM-6>. The issue title is "Pay button is working with invalid expiration date of card". The description section contains steps for launching a browser, opening a URL, clicking on payment gateway project, clicking on buy now button, entering card number, selecting month, selecting year, and clicking on pay button. It also includes expected and actual results. The details panel shows the issue is unassigned, has no labels, and is reported by 'testereEDU'. The status is 'To Do'.

Pay button is working with invalid expiration date of card

Description

Normal text **I** *A* **B** *C* **D** *E* **F** *G* **H** *K* **J** *L* **M** *N* **O** *P* **R** *S* **T** *U* **V** *W* **X** *Y* **Z** **+** **-**

Steps:

- 1.Launch the browser
- 2.open URL <http://demo.guru99.com/test/newtours/index.php>
- 3.click on payment gate way project
- 4.click on buy now button
- 5.Enter valid card number:- 3445456787654567
- 6.Select valid month of expiration:- 4
- 7.Select invalid year expiration:- 2019
- 8.Enter valid cvv:- 309
- 9.click on pay button

Expected result:- payment should be fail

Actual result:- payment is successful

To Do

Details

Assignee: Unassigned

Labels: None

Sprint: None

Story point estimate: None

Reporter: testereEDU

Created 1 minute ago Updated 1 minute ago

