



A Project Report on

Automation testing using Selenium Webdriver On Demo Guru Website

By

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INTRODUCTION

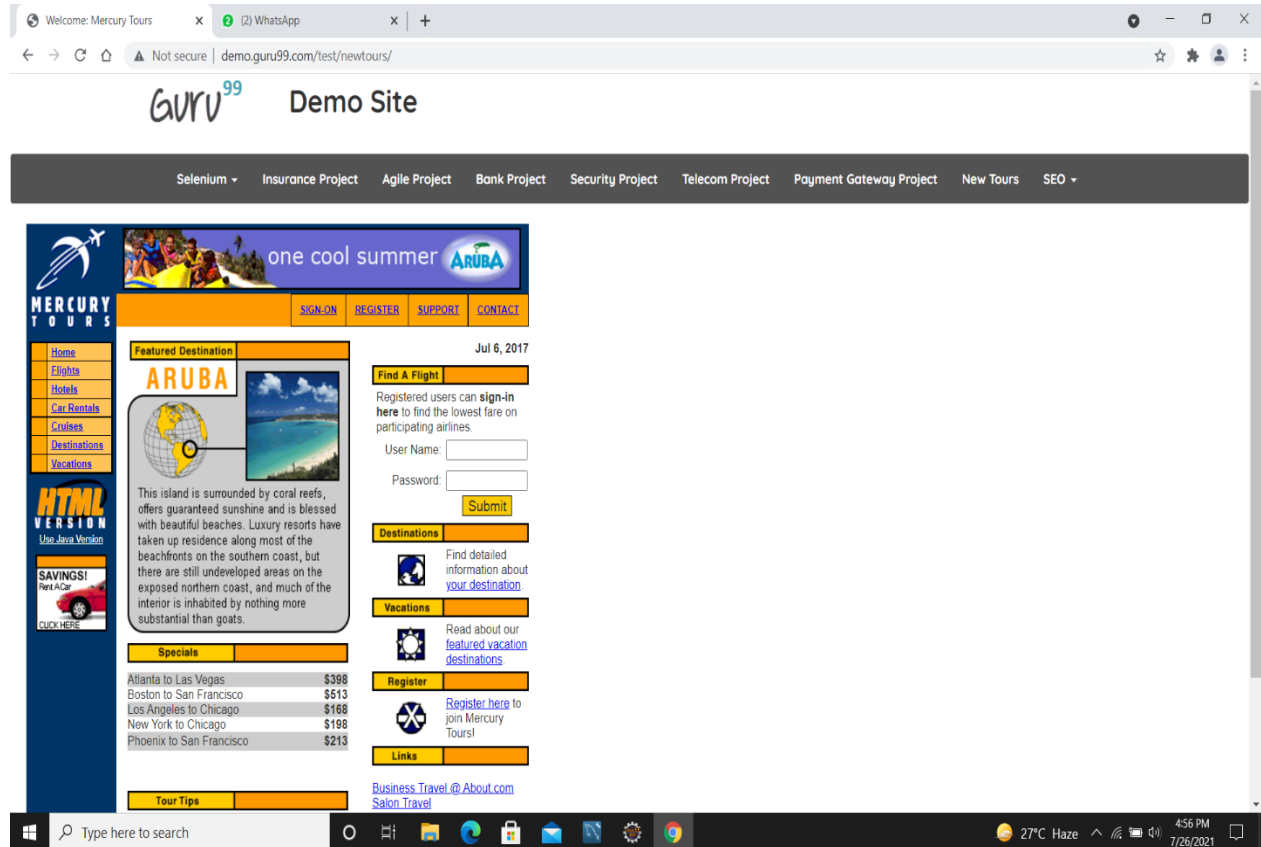
This Project aims to do overall testing like functional testing, GUI testing on website to check quality of application. It helps to improve quality of website and saves time for manually doing this testing. In this project our main focus is to check functionalities available on website. Also, it includes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

SOFTWARE REQUIREMENTS

- Operating System: Windows 10.
- Browser: Latest version of Firefox.
- IDE: Eclipse IDE.
- Automation Tool: Selenium WebDriver.
- Front-end: Java.

TC01- Launch the browser and Demo Guru Website.

```
System.setProperty("webdriver.gecko.driver",  
"C:\\\\Users\\shree\\Desktop\\Selenium Jar\\geckodriver-v0.29.1-  
win64\\geckodriver.exe");  
WebDriver w = new FirefoxDriver();  
w.get("http://demo.guru99.com/test/newtours/index.php");
```



TC02 : Check the functionality selenium dropdown button.

```
//selenium dropdown button
```

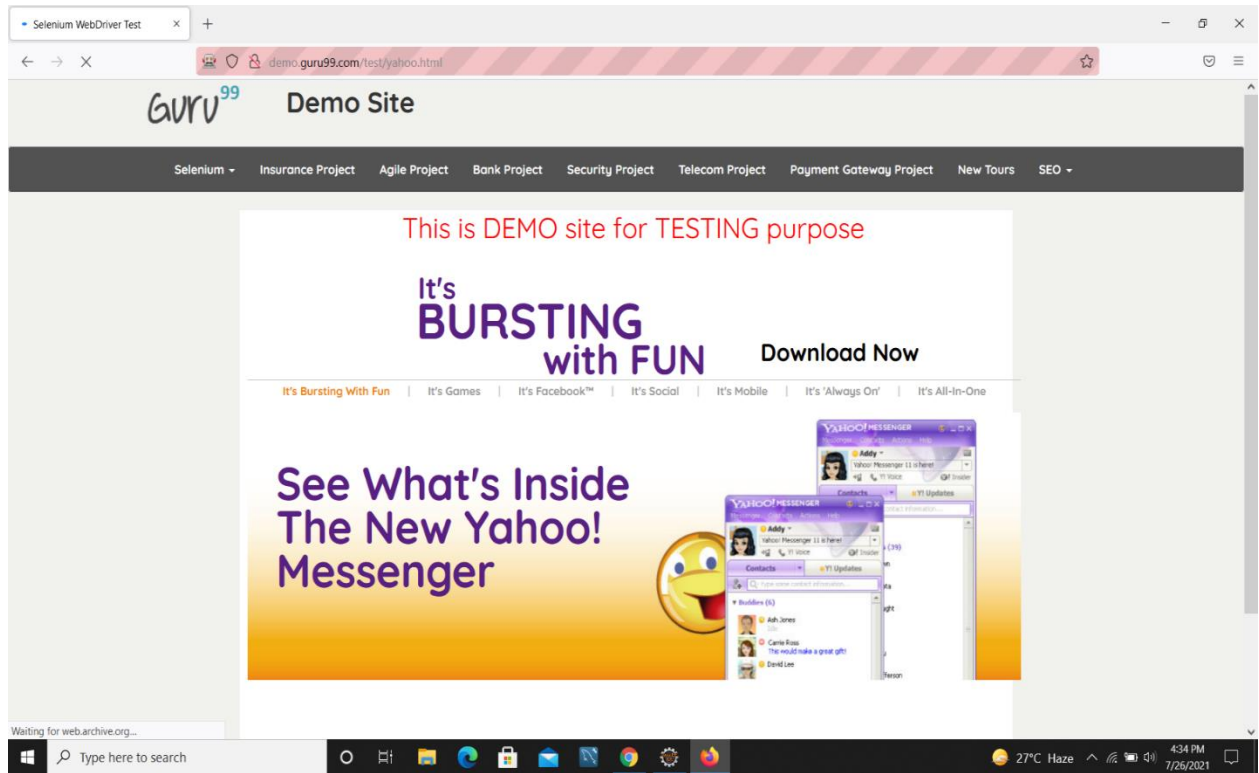
```
// yahoo
```

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

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

```
Thread.sleep(3000);
```

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



TC03 : Check the functionality Flash Movie Demo.

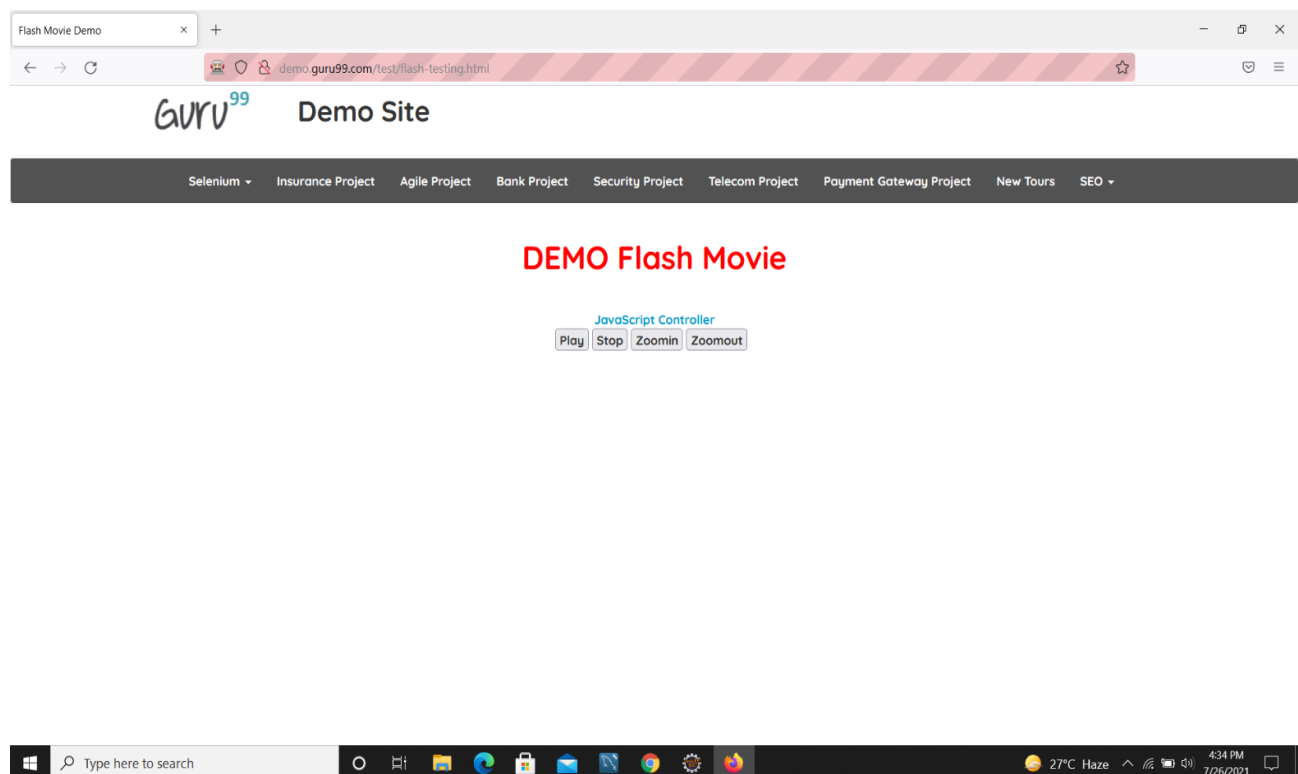
//flash movie demo

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

```
w.findElement(By.linkText("Flash Movie Demo")).click();
```

```
Thread.sleep(1000);
```

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



TC04 : Check the functionality of Table Demo.

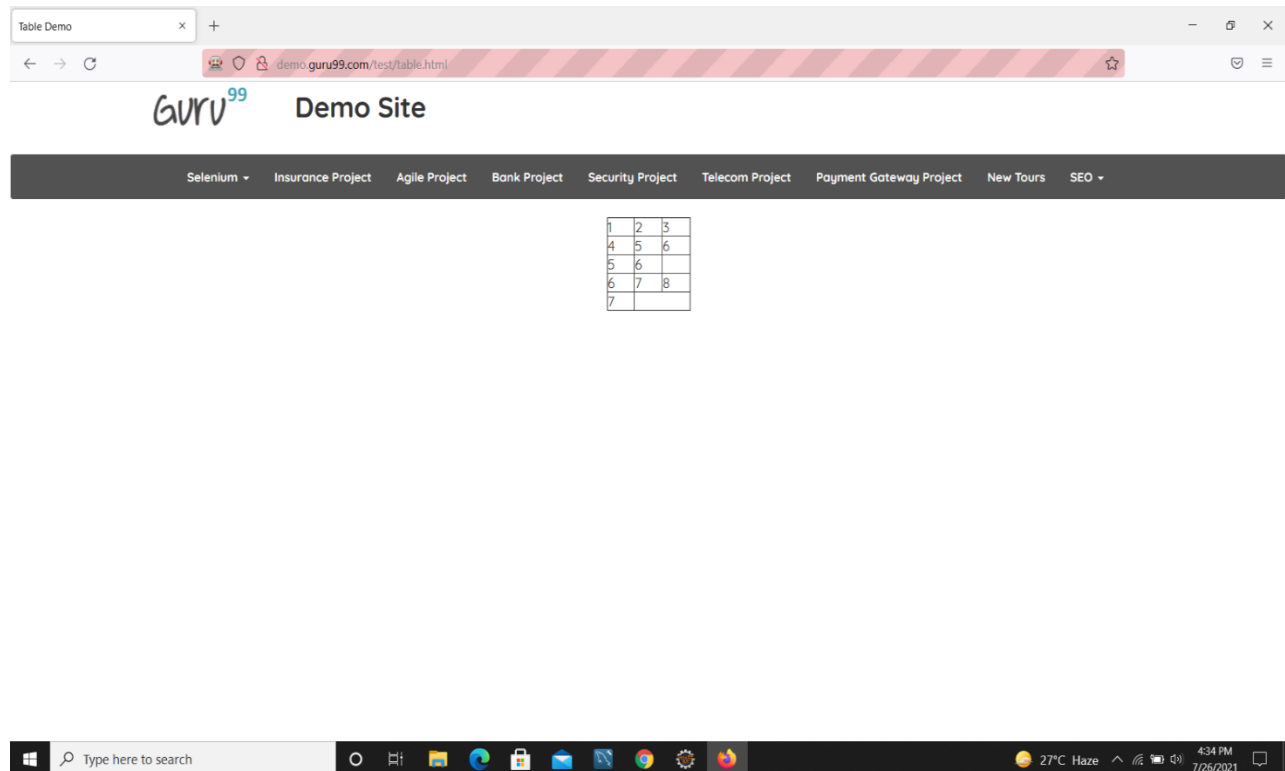
```
//table demo
```

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

```
w.findElement(By.linkText("Table Demo")).click();
```

```
Thread.sleep(1000);
```

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



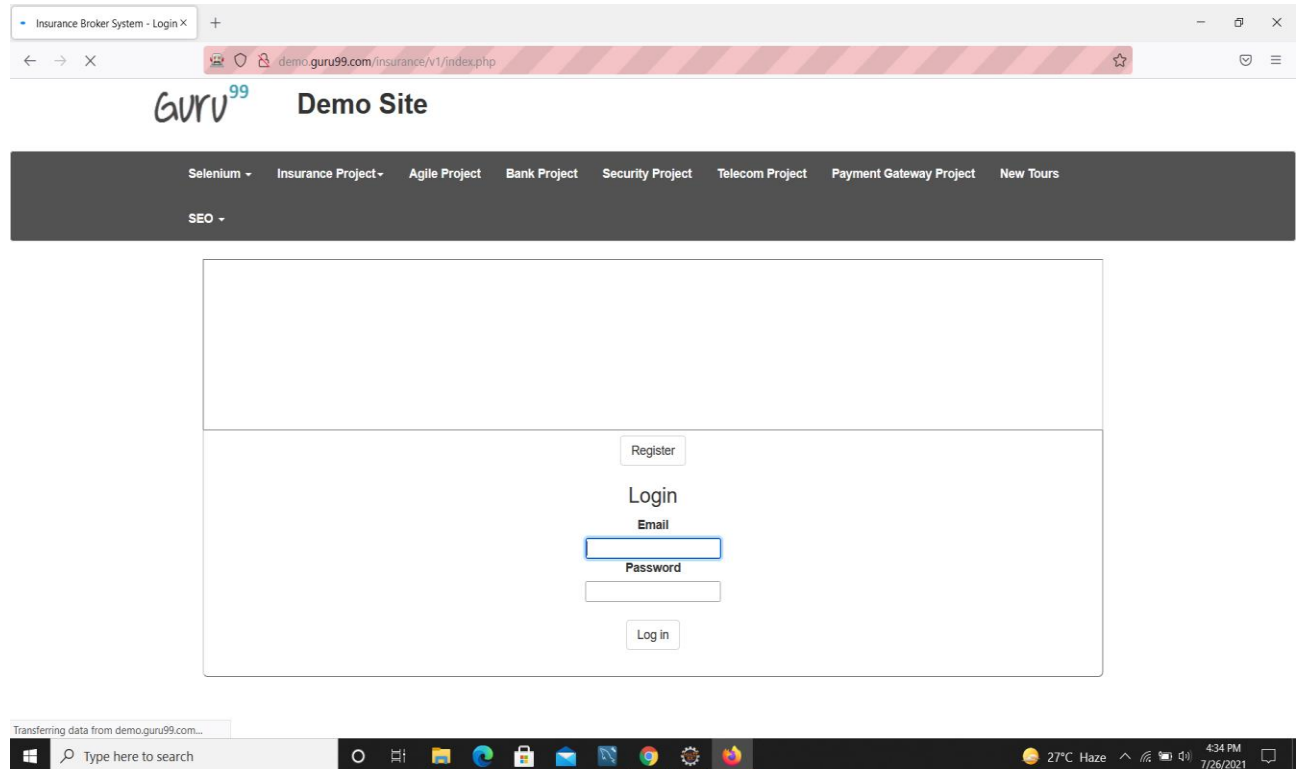
TC05 : To check the functionality of Insurance Project.

```
//insurance project
```

```
w.findElement(By.xpath("//a[contains(text(),'Insurance Project')]")).click();
```

```
Thread.sleep(1000);
```

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



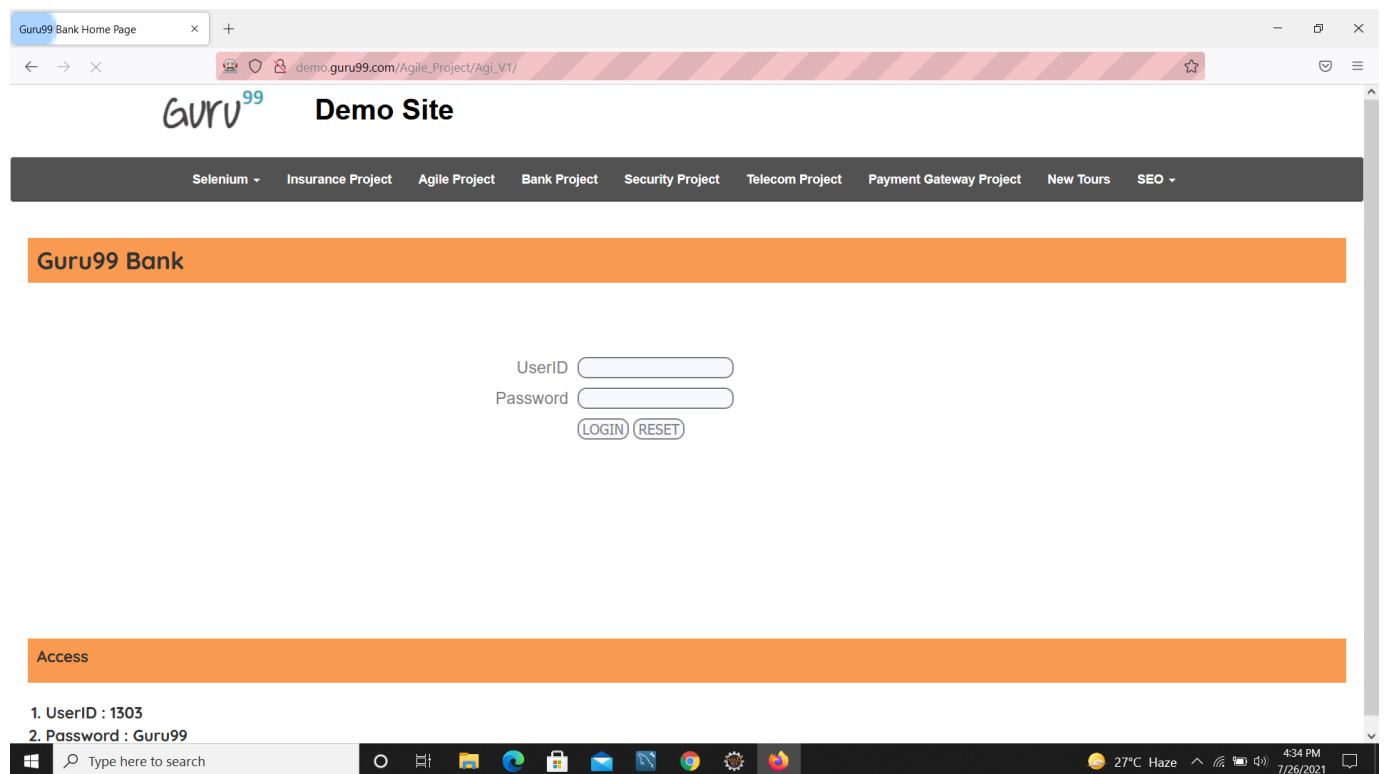
TC06 : To check the functionality of Agile Project.

```
// agile project
```

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

```
Thread.sleep(1000);
```

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



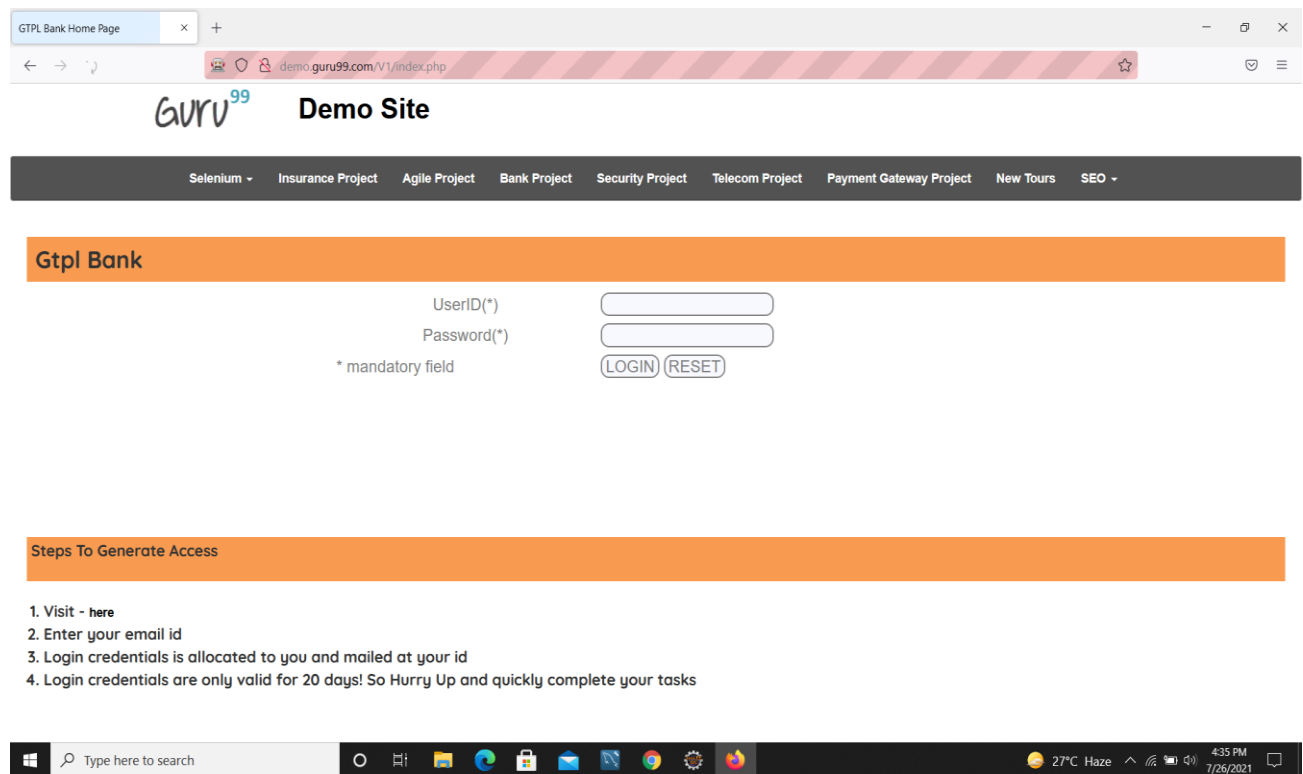
TC07 : To check the functionality of Bank Project

```
// bank project
```

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

```
Thread.sleep(1000);
```

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



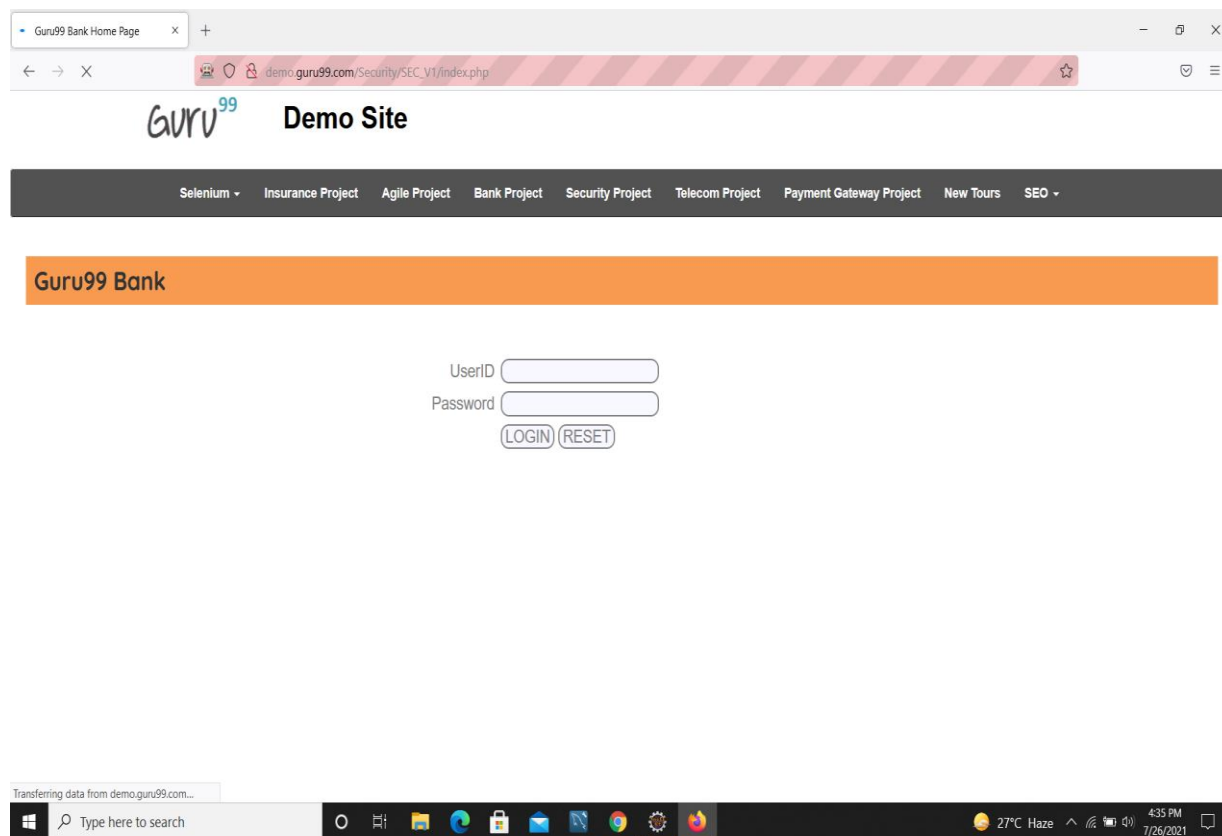
TC08 : To check the functionality of Security Project.

//security project

```
w.findElement(By.xpath("//a[contains(text(),'Security Project')]")).click();
```

```
Thread.sleep(1000);
```

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

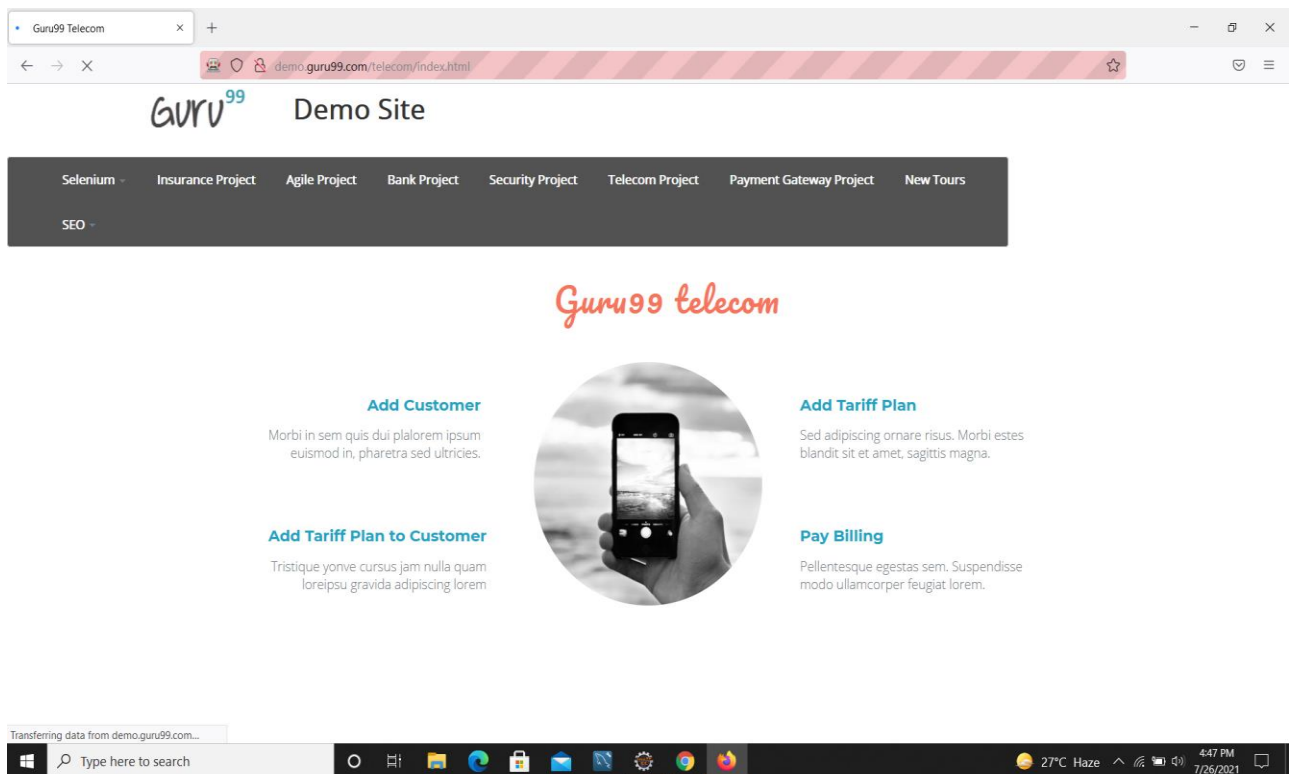


TC09 : To check then functionality of Telicom project.

//Telicom project

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

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



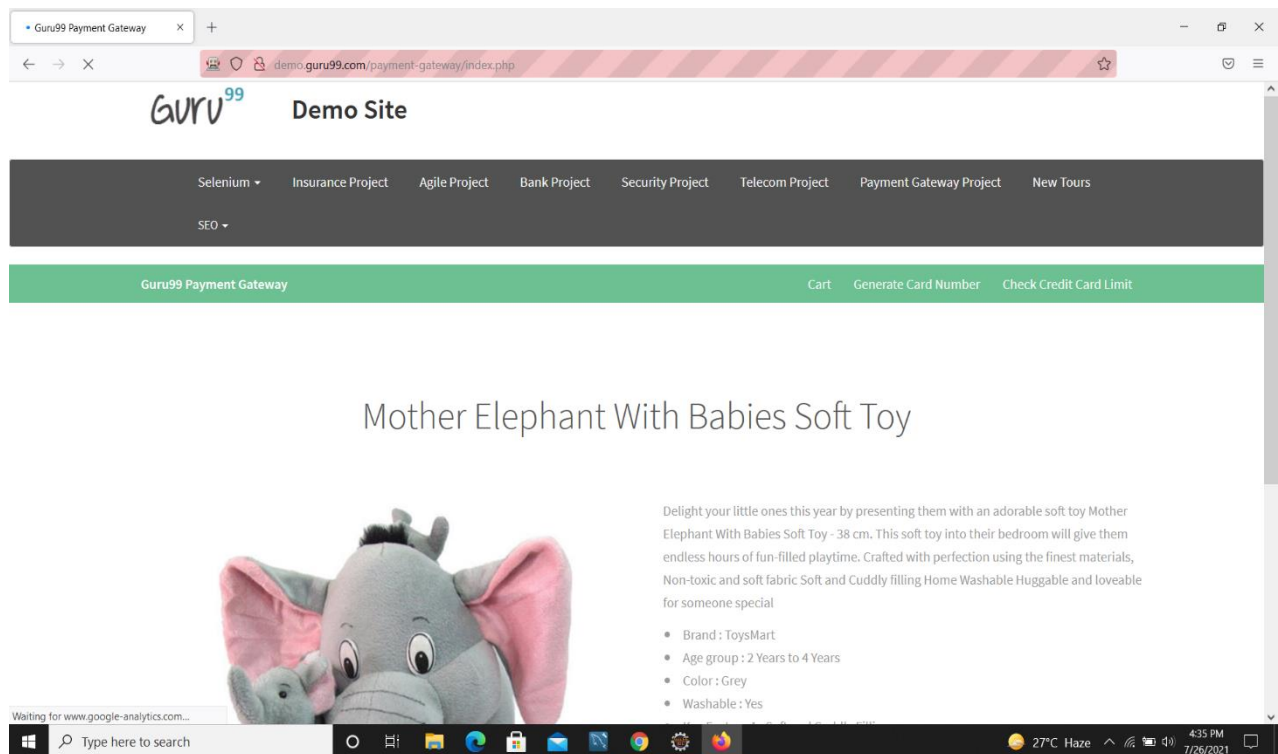
TC10 : To check then functionality of Payment Gateway Project.

```
//payment gateway project
```

```
w.findElement(By.xpath("//a[contains(text(),'Payment Gateway Project')]")).click();
```

```
Thread.sleep(1000);
```

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



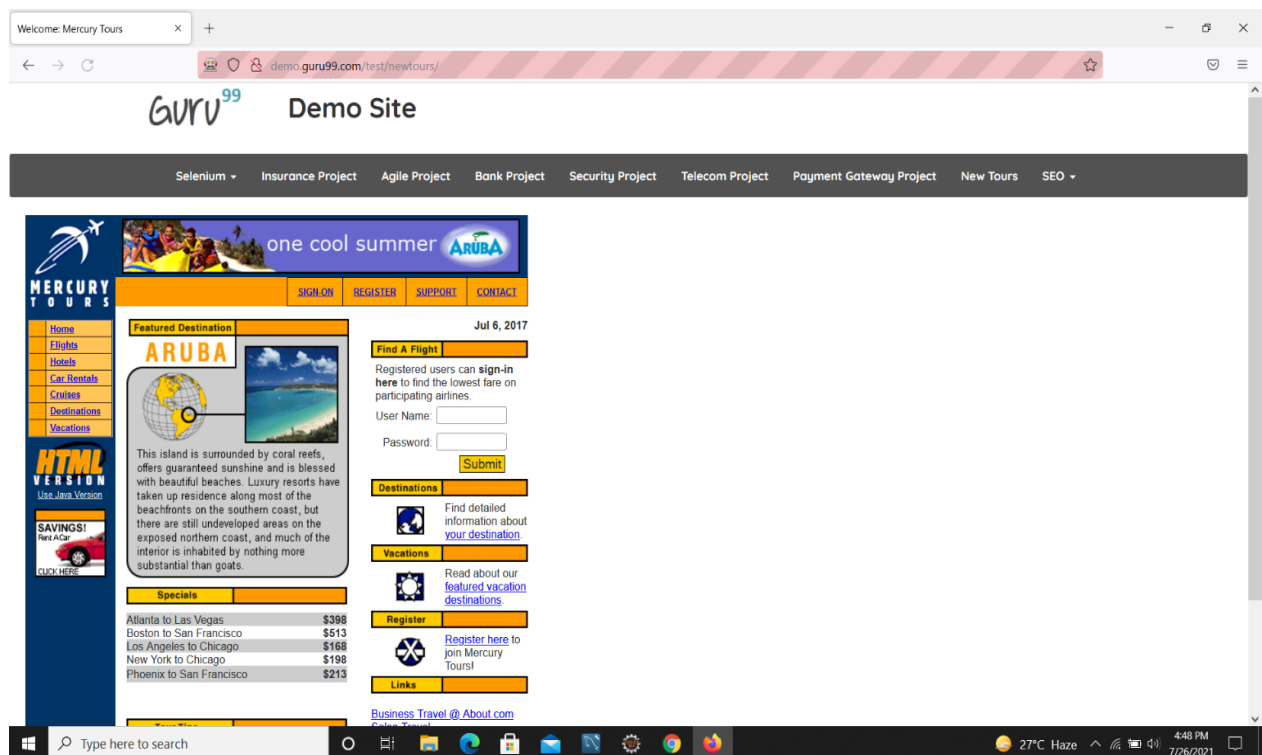
TC11 : To check then functionality of New Tour.

```
//new tours
```

```
w.findElement(By.xpath("//a[contains(text(),'New Tours')]")).click();
```

```
Thread.sleep(1000);
```

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



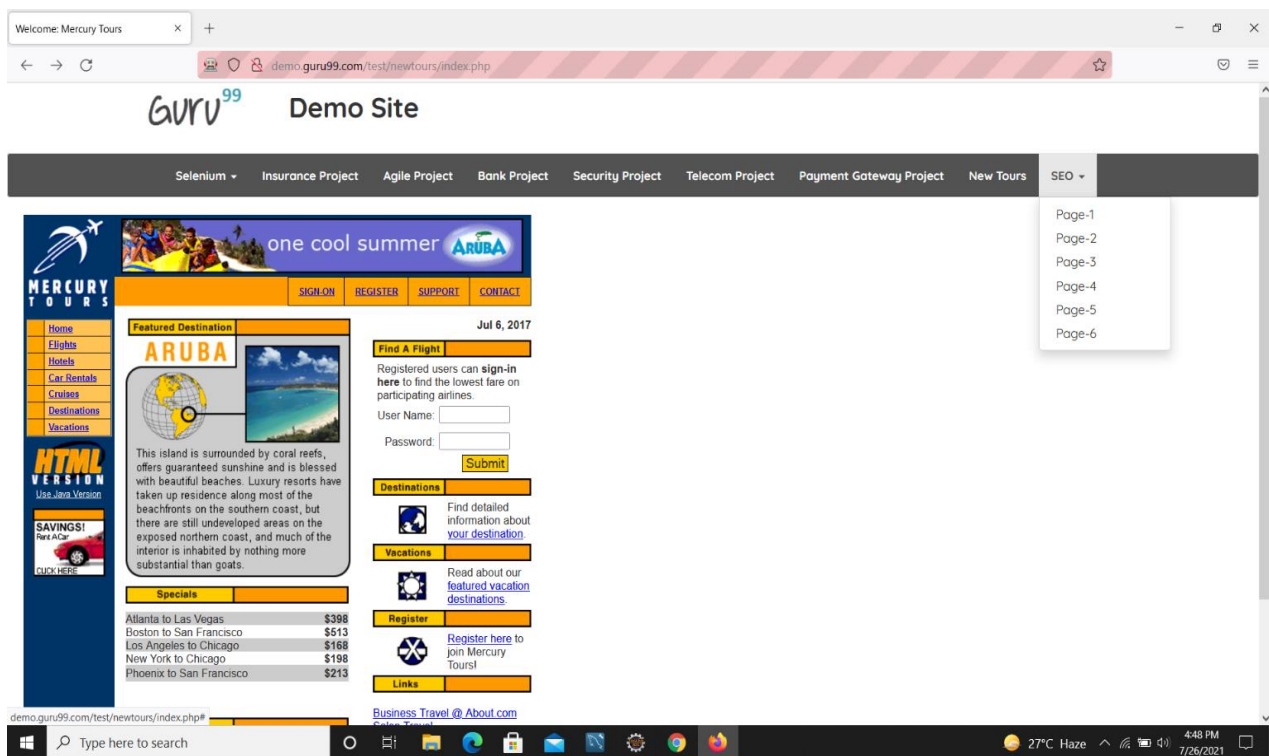
TC12 : To check then functionality of SEO.

//seo

```
w.findElement(By.xpath("//body/div[1]/div[2]/nav[1]/div[1]/div[1]/ul[1]/li[11]/a[1]"  
)).click();
```

```
Thread.sleep(1000);
```

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



TC13- Check the functionality of Login.

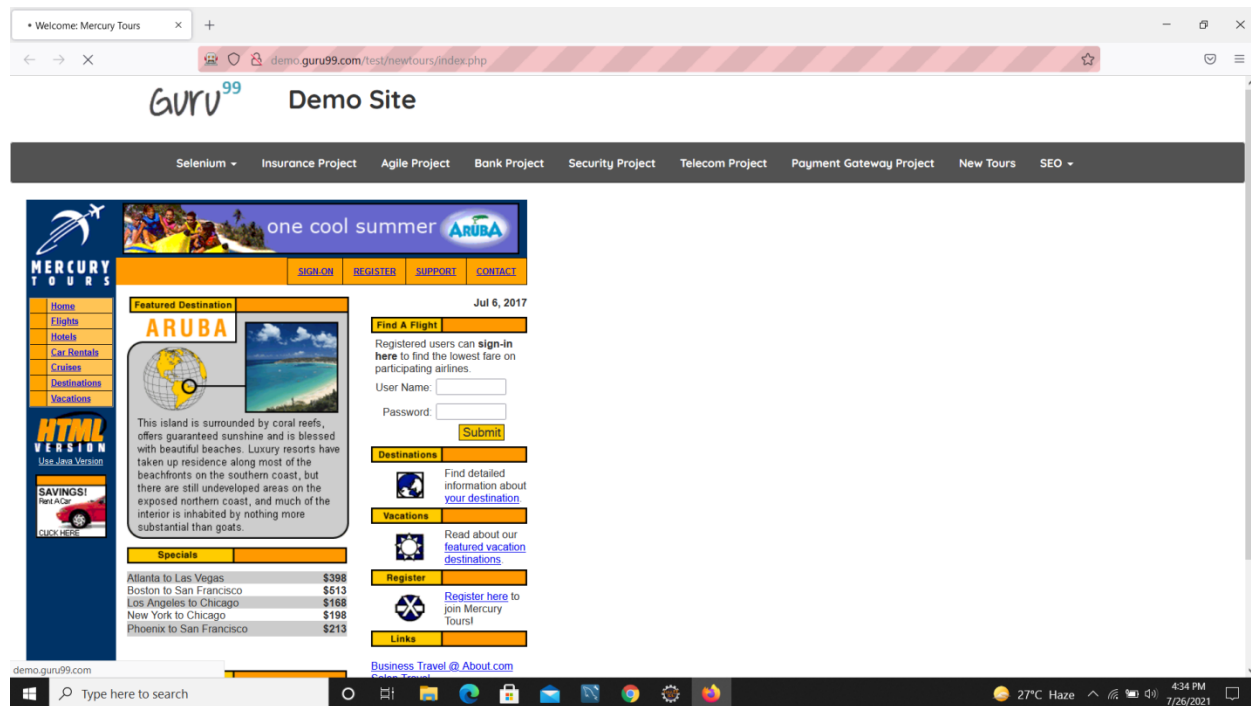
//login

```
w.findElement(By.name("userName")).sendKeys("test");
```

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

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

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



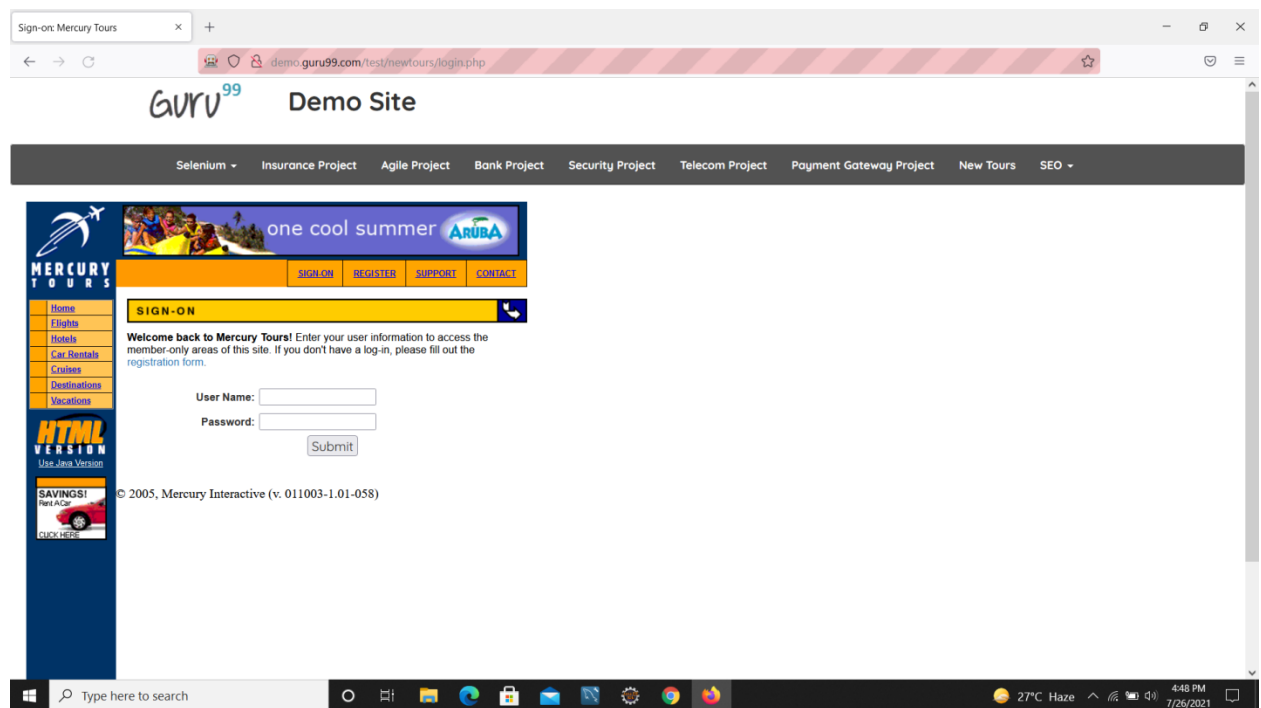
TC14- Check the functionality of SIGN-ON.

```
//sign on
```

```
w.findElement(By.linkText("SIGN-ON")).click();
```

```
Thread.sleep(1000);
```

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



TC13- Check the functionality of REGISTER.

```
//register
```

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

```
Thread.sleep(1000);
```

```
w.findElement(By.name("firstName")).sendKeys("Ruchita");
```

```
Thread.sleep(500);
```

```
w.findElement(By.name("lastName")).sendKeys("Wani");
```

```
Thread.sleep(500);
```

```
w.findElement(By.name("phone")).sendKeys("7083229727");
```

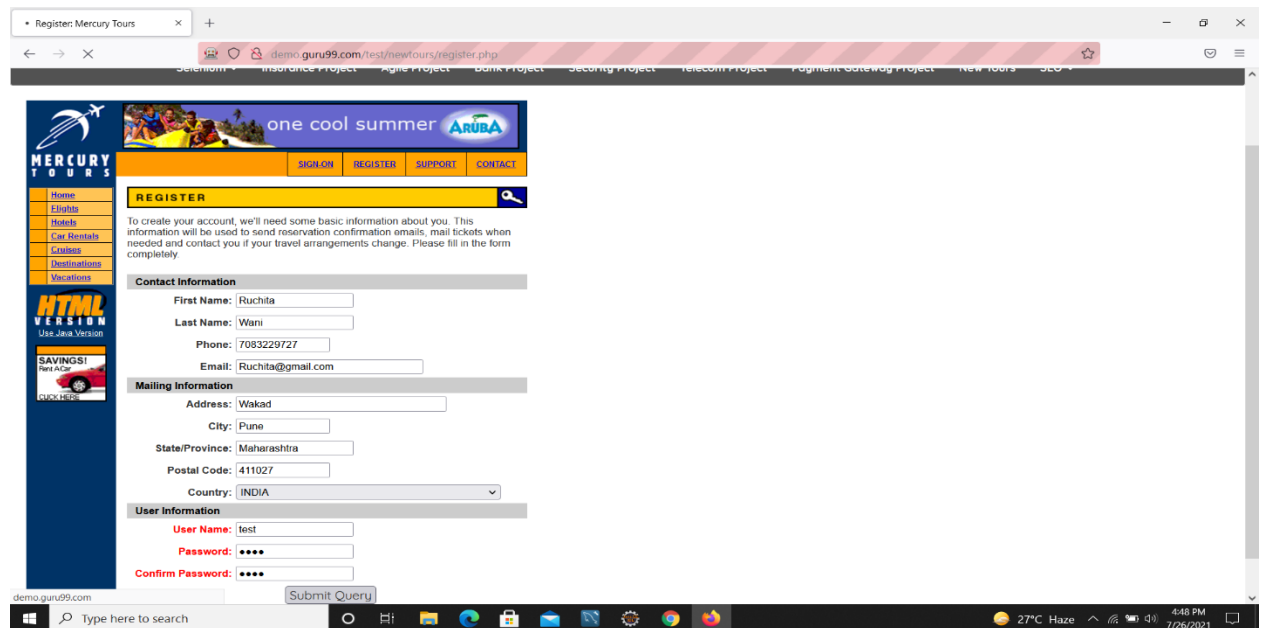
```
Thread.sleep(500);
```



```

w.findElement(By.id("userName")).sendKeys("Ruchita@gmail.com");
Thread.sleep(500);
w.findElement(By.xpath("//tbody/tr[7]/td[2]/input[1]")).sendKeys("Wakad");
Thread.sleep(500);
w.findElement(By.xpath("//tbody/tr[8]/td[2]/input[1]")).sendKeys("Pune");
Thread.sleep(500);
w.findElement(By.xpath("//tbody/tr[9]/td[2]/input[1]")).sendKeys("Maharashtra");
Thread.sleep(500);
w.findElement(By.name("postalCode")).sendKeys("411027");
Thread.sleep(500);
Select country = new Select(w.findElement(By.name("country")));
country.selectByVisibleText("INDIA");
Thread.sleep(500);
w.findElement(By.name("email")).sendKeys("test");
w.findElement(By.name("password")).sendKeys("test");
w.findElement(By.name("confirmPassword")).sendKeys("test");
w.findElement(By.name("submit")).click();
w.navigate().back();

```



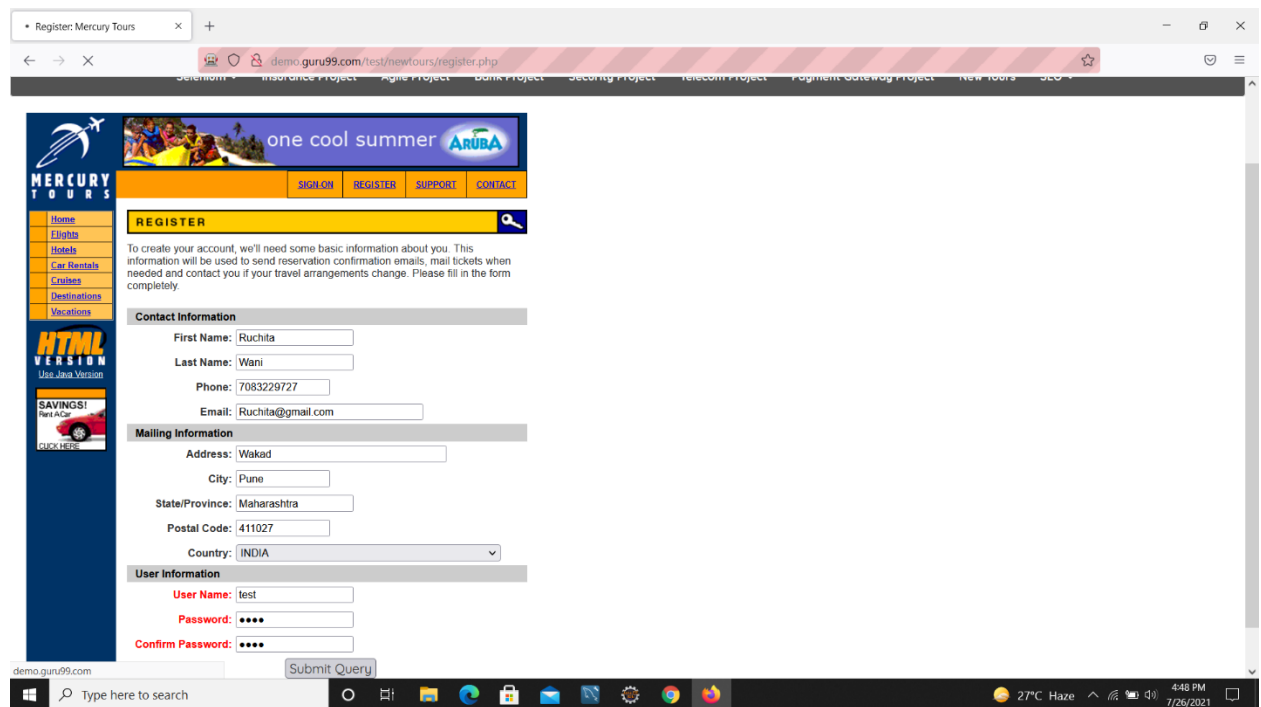
TC15- Check the functionality of SUPPORT.

```
//support
```

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

```
Thread.sleep(1000);
```

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



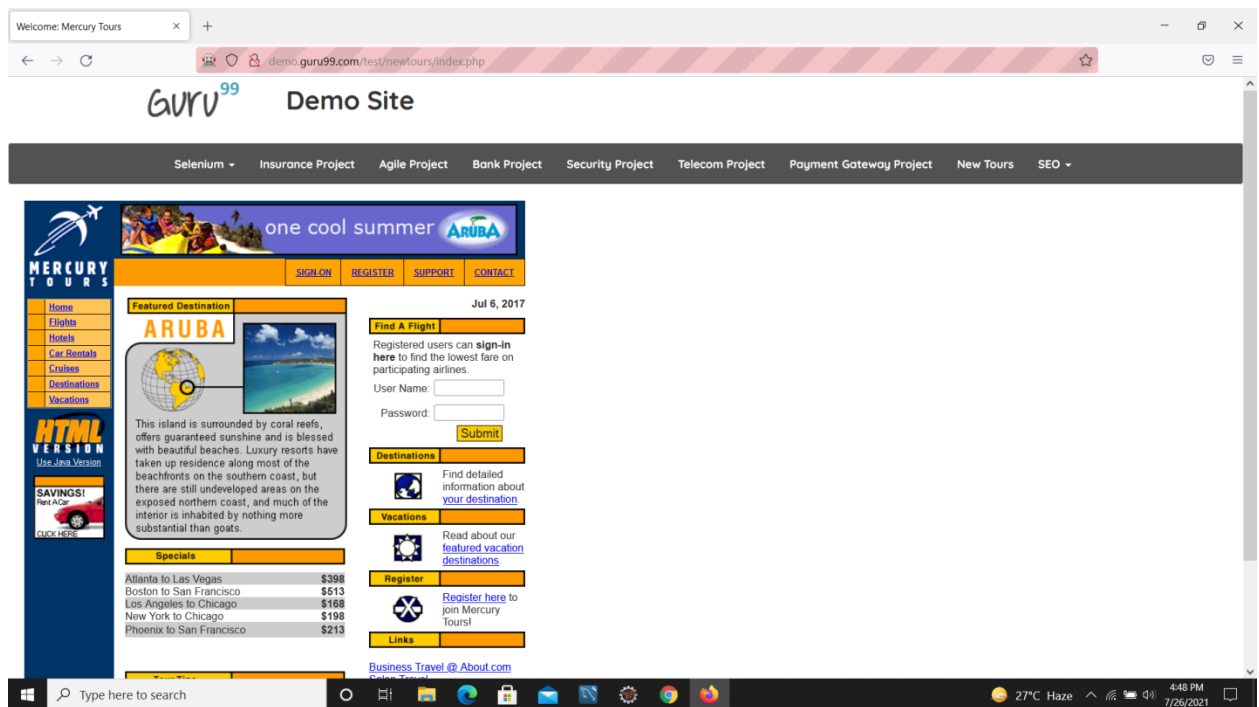
TC16- Check the functionality of CONTACT.

```
//contact
```

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

```
Thread.sleep(1000);
```

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



TC17- Check the functionality of Home.

```
//home
```

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

```
Thread.sleep(1000);
```

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



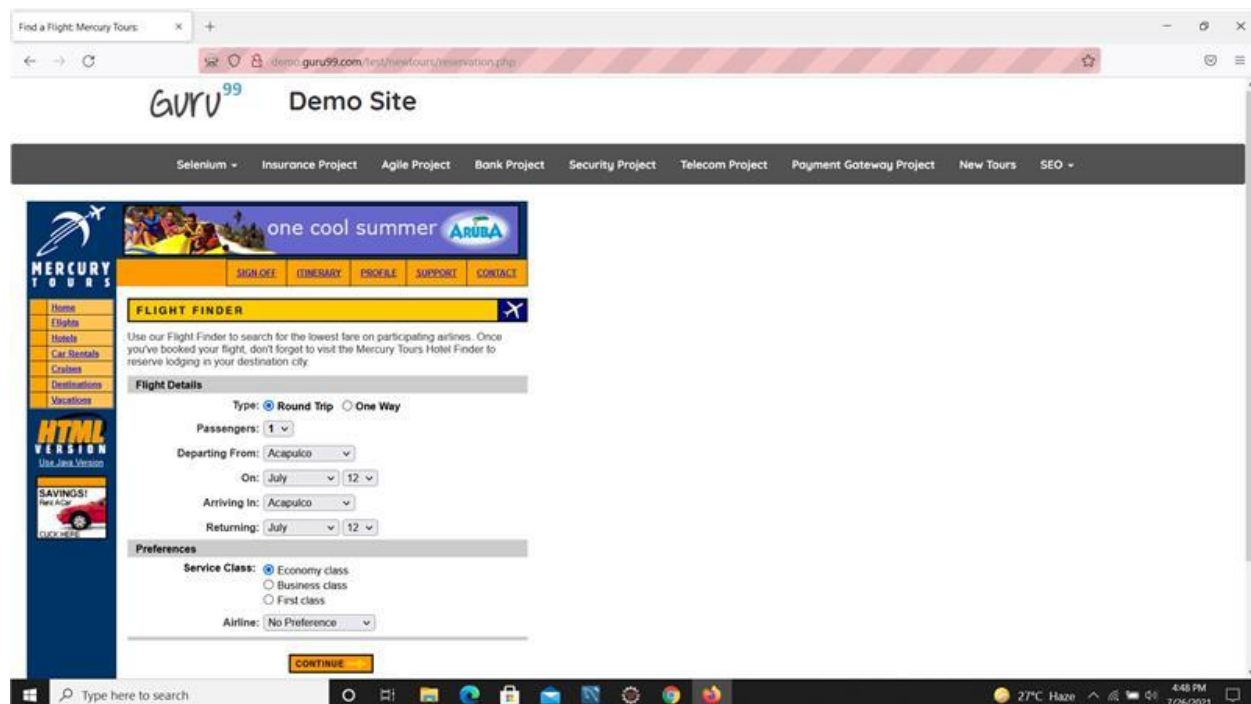
TC018- Check the functionality of Flights.

```
//flights
```

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

```
Thread.sleep(1000);
```

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



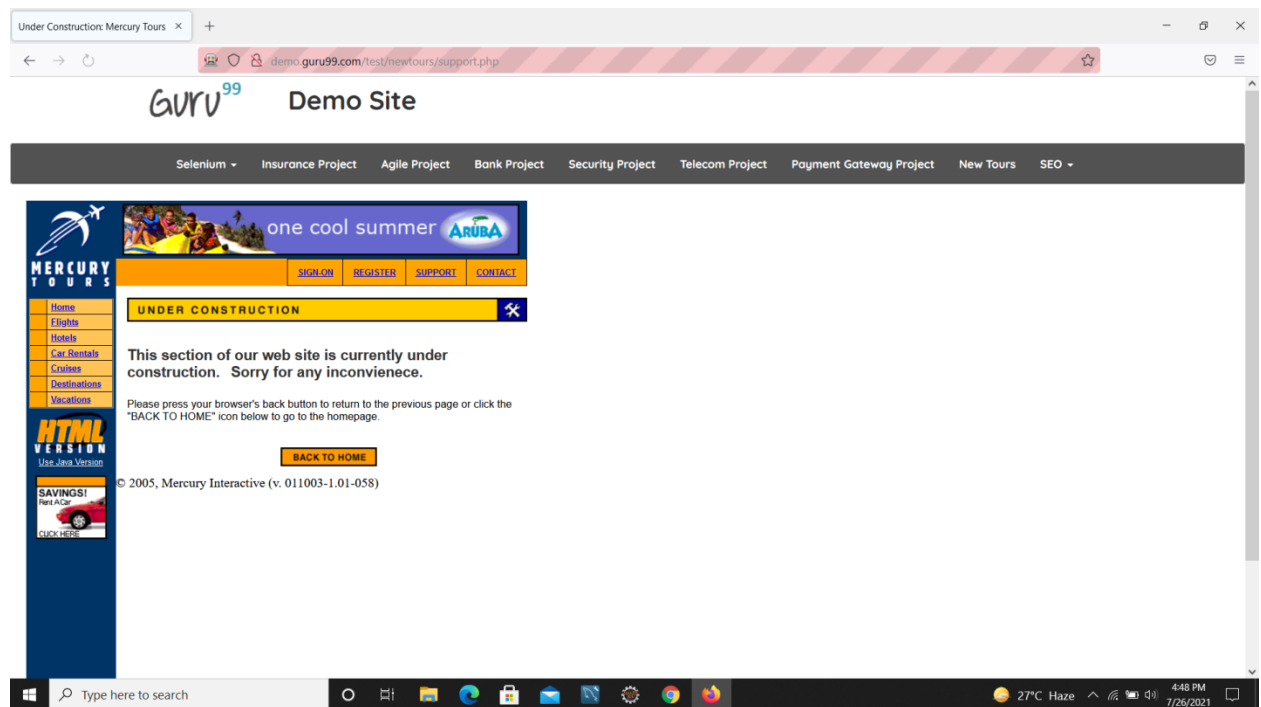
TC19- Check the functionality of Hotel.

```
//hotels
```

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

```
Thread.sleep(1000);
```

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



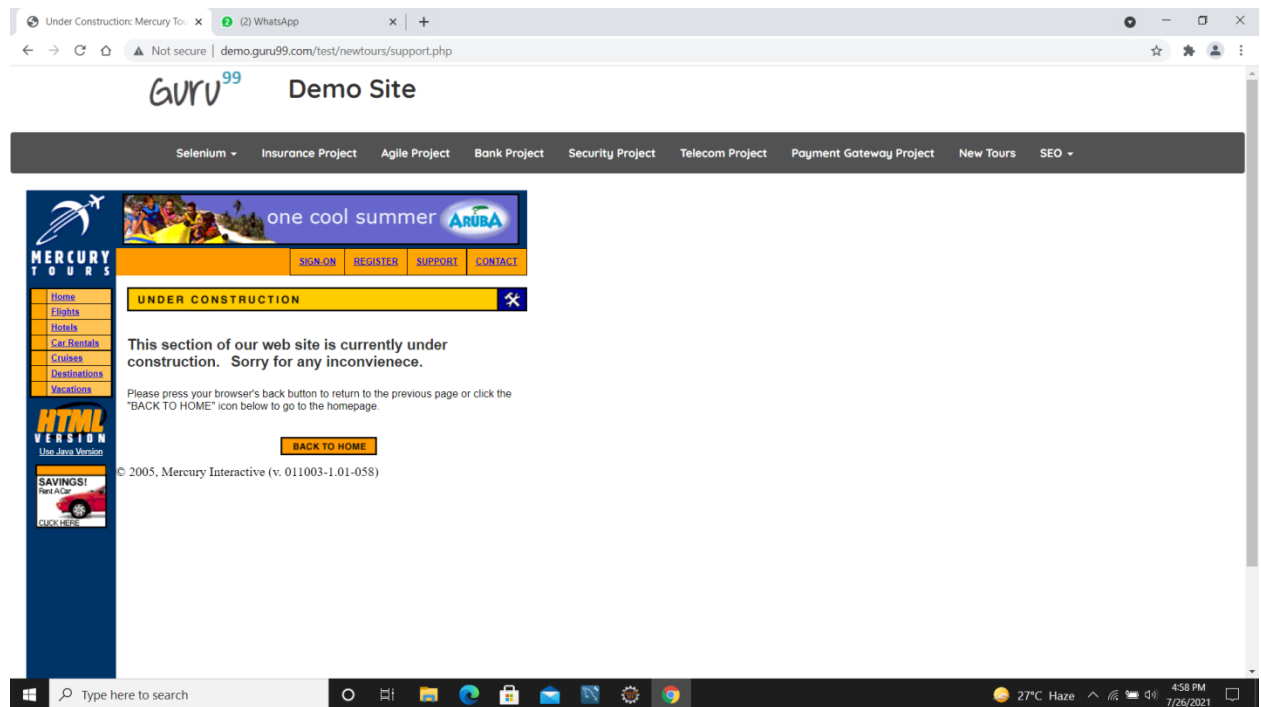
TC20- Check the functionality of Car Rentals.

```
//car rentals
```

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

```
Thread.sleep(1000);
```

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



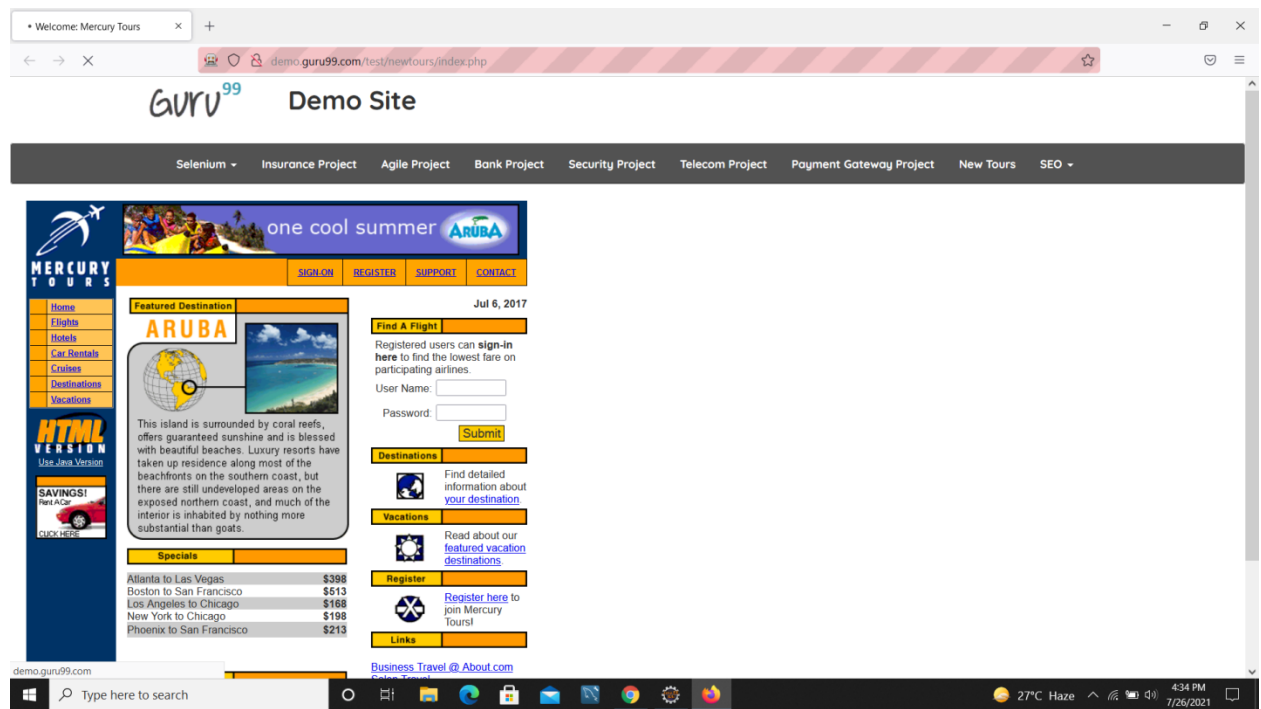
TC21- Check the functionality of Cruises.

```
//cruises
```

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

```
Thread.sleep(1000);
```

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



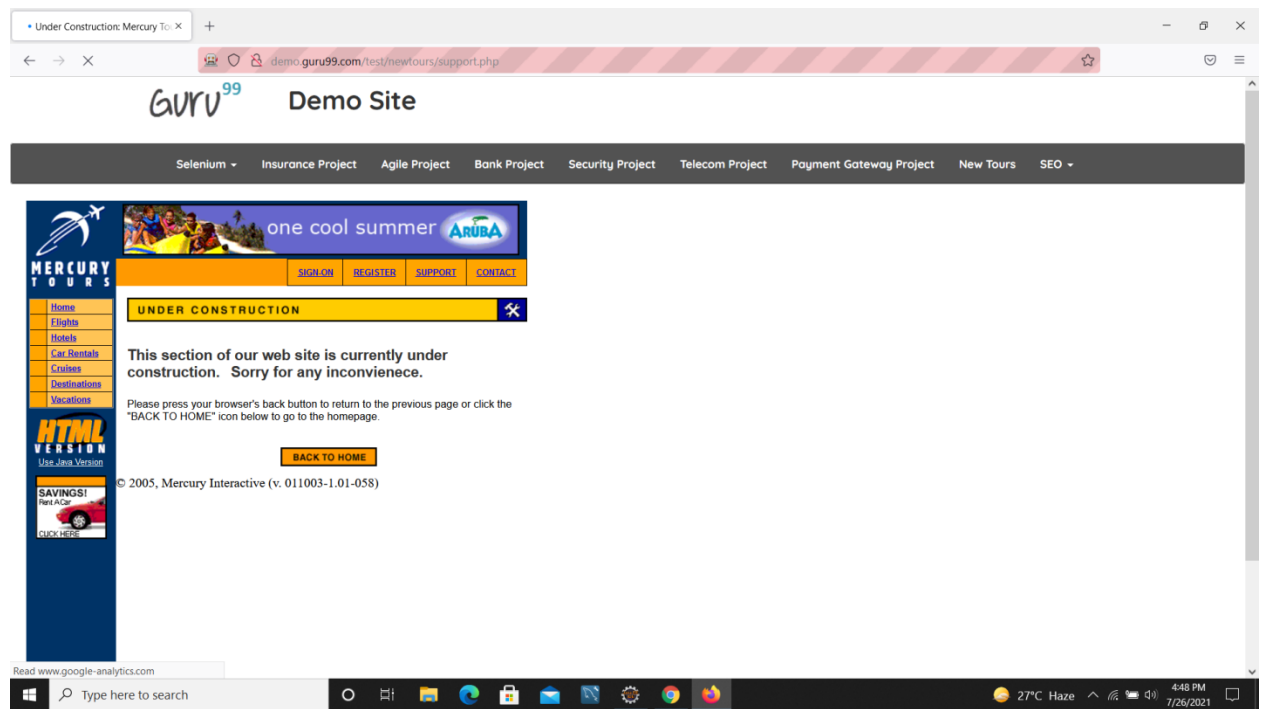
TC22- Check the functionality of Destinations.

```
//destination
```

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

```
Thread.sleep(1000);
```

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



TC23- Check the functionality of Vacations.

```
//vacations
```

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

```
Thread.sleep(1000);
```

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

```
w.close();
```

```
}
```

```
}
```

