**Booking a vehicle:**

For booking a vehicle a user has to login first, then go to cars listings then click on a vehicle and book it. We already developed the module for login. So, let’s see the test case first.

**Test Case:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **testcase** | **teststep** | **Keywords** | **Description** | **action class and OR** |
| TC16 | 1 | Useropenhomepage | user comes to homepage | userlogin |
| TC16 | 2 | Userlogin | User logs in by using the module keyword. Clicks on login  button, enter user name, password and clicks on login button. | module |
| TC16 | 3 | Userclicksoncarlisting | User clicks on cars listings | userhome |
| TC16 | 4 | userclickvehicledetails(3) | Click on view details for first car | vehicledetails - specialcheckfunction |
| TC16 | 5 | Userenterfromdate | user enters the from date to book car | vehicledetails |
| TC16 | 6 | Userentertodate | user enters to date to book car | vehicledetails |
| TC16 | 7 | userenterbookingdetails | user enters details to book car | Vehicledetails |
| TC16 | 8 | Userclicksbooknow | user clicks on book now button | Vehicledetails |
| TC16 | 9 | userclicksoktoconfirmbooking | user clicks on the javascript popup ok button | Vehicledetails |
| TC16 | 10 | Userclicksonname | user clicks on user name drop down link | Userhome |
| TC16 | 11 | Userclicksonsignout | user clicks on sign out link | Userhome |
| TC16 | 12 | Userclosebrowser | Close the browser | Userlogin |

I have also mentioned the action classes for the above keywords.

useropenhomepage – We have already developed the functionality for this under userlogin action class and object repository.

userlogin – userlogin module also developed.

userclickoncarlisting – This needs to be developed under userhome action class and object repository.

userclickvehicledetails – This is a special function we have to develop and we pass the vehicle number we want to book. This needs to be developed under vehicledetails action class and object repository. Since this is a separate function

userenterfromdate – This needs to be developed under vehicledetails action class and object repository. We will take current date and add one day to it and use it as from date.

userentertodate – This needs to be developed under vehicledetails action class and object repository. We will take current date and add three days to it and use it as to date.

userenterbookingdetails – This needs to be developed under vehicledetails action class and object repository. We will enter some details here.

userclicksbooknow – This needs to be developed under vehicledetails action class and object repository.

userclicksoktoconfirmbooking – This needs to be developed under vehicledetails action class and object repository.

userclicksonname – This is already developed under userhome action class and object repository.

userclicksonsignout - This is already developed under userhome action class and object repository.

userclosebrowser - This is already developed under userhome action class and object repository.

Make sure that all the above are your in your master keywords list.

**userclickoncarlisting under userhome action class and object repository:**

**userhome.java:**

**package** actions;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**public** **class** userhome {

WebDriver driver;

**public** userhome(WebDriver driver){

**this**.driver = driver;

}

**public** **void** userclicksonname(WebElement clicksonname) {

clicksonname.click();

}

**public** **void** userclicksonsignout(WebElement clicksonsignout) {

//Thread.sleep(2000);

clicksonsignout.click();

}

**public void userclicksoncarlisting(WebElement carlisting) {**

**carlisting.click();**

**}**

}

**userhomeOR.java:**

**package** objectrepository;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**public** **class** userhomeOR {

WebDriver driver;

**public** userhomeOR(WebDriver driver){

**this**.driver = driver;

}

**public** WebElement userclicksonname() {

WebElement userclicksonname = driver.findElement(By.*cssSelector*(".dropdown"));

**return** userclicksonname;

}

**public** WebElement userclicksonsignout() {

WebElement userclicksonsignout = driver.findElement(By.*xpath*("//a[contains(text(),'Sign Out')]"));

**return** userclicksonsignout;

}

**public WebElement userclicksoncarlisting() {**

**WebElement carlisting = driver.findElement(By.*xpath*("//a[contains(text(),'Car Listing')]"));**

**return carlisting;**

**}**

}

**vehicledetails action class and object repository:**

**vehicledetailsOR.java:**

**package** objectrepository;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**public** **class** vehicledetailsOR {

WebDriver driver;

**public** vehicledetailsOR(WebDriver driver){

**this**.driver = driver;

}

**public** WebElement userclickvehicledetails(**int** vehno) {

WebElement vehdetails = driver.findElements(By.*xpath*("//a[contains(text(),'View Details')]")).get(vehno-1);

**return** vehdetails;

}

**public** WebElement userenterfromdate() {

WebElement userenterfromdate = driver.findElement(By.*xpath*("//input[@name='fromdate']"));

**return** userenterfromdate;

}

**public** WebElement userentertodate() {

WebElement userentertodate = driver.findElement(By.*xpath*("//input[@name='todate']"));

**return** userentertodate;

}

**public** WebElement userenterbookingdetails() {

WebElement bookingdetails = driver.findElement(By.*xpath*("//textarea[@name='message']"));

**return** bookingdetails;

}

**public** WebElement userclicksbooknow() {

WebElement booknow = driver.findElements(By.*xpath*("//input[@type='submit']")).get(0);

**return** booknow;

}

}

vehicledetails.java:

**package** actions;

**import** java.text.SimpleDateFormat;

**import** java.util.Calendar;

**import** java.util.Date;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**public** **class** vehicledetails {

WebDriver driver;

**public** vehicledetails(WebDriver driver){

**this**.driver = driver;

}

**public** **void** userclickvehicledetails(WebElement vehdetails) {

vehdetails.click();

}

**public** **void** userenterfromdate(WebElement fromdateelement) {

SimpleDateFormat sdf = **new** SimpleDateFormat("dd/MM/yyyy");

Calendar c = Calendar.*getInstance*();

c.setTime(**new** Date()); // Now use today date.

c.add(Calendar.***DATE***, 1); // Adding 1 days

String fromdate = sdf.format(c.getTime());

System.***out***.println(fromdate);

fromdateelement.sendKeys(fromdate);

}

**public** **void** userentertodate(WebElement todateelement) {

SimpleDateFormat sdf = **new** SimpleDateFormat("dd/MM/yyyy");

Calendar c = Calendar.*getInstance*();

c.setTime(**new** Date()); // Now use today date.

c.add(Calendar.***DATE***, 3); // Adding 3 days

String todate = sdf.format(c.getTime());

System.***out***.println(todate);

todateelement.sendKeys(todate);

}

**public** **void** userenterbookingdetails(WebElement bookingdetails) {

bookingdetails.sendKeys("Want to book the car for the above mentioned dates");

}

**public** **void** userclicksbooknow(WebElement booknow) {

booknow.click();

}

**public** **void** userclicksoktoconfirmbooking() **throws** InterruptedException {

driver.switchTo().alert().dismiss();

Thread.*sleep*(3000);

}

}