**Registering a user functionality:**

Let’s develop the functionality of registering a new user.

Let’s look at the master keywords list for registering a user. The following is the functionality on a login popup. So let’s define the functionality of action class under userlogin and object repository under userloginOR.

|  |  |  |  |
| --- | --- | --- | --- |
| **keywords** | **Description** | **actionclass** | **objectrepository** |
| useropenhomepage | user comes to homepage | userlogin | userloginOR |
| userclickloginregister | user clicks on login/register | userlogin | userloginOR |
| userenteremailaddress | user enters email address | userlogin | userloginOR |
| userenterpassword | user enters password | userlogin | userloginOR |
| userclicklogin | user clicks on login button | userlogin | userloginOR |
| userclciksignuphere | user clicks on sign up here link | userlogin | userloginOR |
| registerfullname | Enter full name in the register form | userlogin | userloginOR |
| registermobileno | Enter mobileno in the register form | userlogin | userloginOR |
| registeremailaddress | Enter email address in the register form | userlogin | userloginOR |
| registerpassword | Enter password in the register form | userlogin | userloginOR |
| registerconfirmpassword | Enter password in the confirm field of register form | userlogin | userloginOR |
| userclicksignup | user clicks on sign up button | userlogin | userloginOR |
| registersuccess | user gets a successful message on javascript alert | userlogin | userloginOR |
| userclickloginhere | user clicks on login here link on sign up form | userlogin | userloginOR |
| userclickforgotpassword | user clicks on forgot password link | userlogin | userloginOR |
| userforgotemailaddress | user enters email address on forgot password form | userlogin | userloginOR |
| userforgotmobileno | user enters mobile number on forgot password form | userlogin | userloginOR |
| userforgotpassword | user enters new password on forgot password form | userlogin | userloginOR |
| userforgotconfirmpassword | user enters password again on forgot password form | userlogin | userloginOR |
| userresetmypassword | user clicks on button forgot my password | userlogin | userloginOR |
| userbacktologin | user clicks on back to login link on forgot password form | userlogin | userloginOR |
| userclosebrowser | user close browser | userlogin | userloginOR |

The functionality we need for registering a user is highlighted in red color and yellow color above. But lets develop the functionality for all the keywords as we will be using these later.

Since we would like to datadrive the register functionality lets name the group of keywords in yellow color as “registeruser” and make it as a separate sheet.

registeruser group:

|  |  |  |  |
| --- | --- | --- | --- |
| **keywords** | **Description** | **actionclass** | **objectrepository** |
| registerfullname | Enter full name in the register form | userlogin | userloginOR |
| registermobileno | Enter mobileno in the register form | userlogin | userloginOR |
| registeremailaddress | Enter email address in the register form | userlogin | userloginOR |
| registerpassword | Enter password in the register form | userlogin | userloginOR |
| registerconfirmpassword | Enter password in the confirm field of register form | userlogin | userloginOR |
| userclicksignup | user clicks on sign up button | userlogin | userloginOR |
| registersuccess | user gets a successful message on javascript alert | userlogin | userloginOR |

If we call registeruser(2,4) it should add the users 2 and 4 from datasheet. Let’s add this name to the SPECIAL\_KEYWORDS in config.properties file.

**config.properties file:**

WB\_PATH\_TESTS = C:\\Users\\padal\\eclipse-workspacenew\\HybridKeywordDriven\\tests\\tests\_main.xlsx

WB\_PATH\_TESTS\_SHEET = TestCases

WB\_PATH\_TEST\_CASES = C:\\Users\\padal\\eclipse-workspacenew\\HybridKeywordDriven\\tests\\

MASTERKW\_PATH = C:\\Users\\padal\\eclipse-workspacenew\\HybridKeywordDriven\\data\\masterkeywords.xlsx

MASTERKW\_SHEET = globalkeywords

DATA\_PATH = C:\\Users\\padal\\eclipse-workspacenew\\HybridKeywordDriven\\data\\data.xlsx

SPECIAL\_KEYWORDS = adminpostvehicle,adminlogin,adminpostbrand,**registeruser**

CHECK\_KEYWORDS = checkusersdifference,checkvehiclesdifference,checkbookingsdifference,checkbrandsdifference,checksubscribersdifference,checkqueriesdifference,checktestimonialsdifference

ADMIN\_UNAME = admin

ADMIN\_PWD = Test@12345

USER\_UNAME = subbu123

USER\_PWD = subbu123

Let’s look at the data for this. Name the column names same as that of keywords. That’s how the program identifies what data it has to pass to which field.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **sno** | **Registerfullname** | **registermobileno** | **registeremailaddress** | **registerpassword** | **registerconfirmpassword** |
| 1 | Venkat | 7876565453 | [venkat@gmail.com](mailto:venkat@gmail.com) | venkat | Venkat |
| 2 | Ganesh | 6765454342 | [ganesh@gmail.com](mailto:ganesh@gmail.com) | ganesh | Ganesh |
| 3 | Rajesh | 9876565656 | [rajesh@gmail.com](mailto:rajesh@gmail.com) | rajesh | Rajesh |
| 4 | Mahesh | 4534565454 | [mahesh@gmail.com](mailto:mahesh@gmail.com) | mahesh | Mahesh |
| 5 | Ravi | 5654356787 | [ravi@gmail.com](mailto:ravi@gmail.com) | Ravi | Ravi |
| 6 | Manohar | 4565456545 | [manohar@gmail.com](mailto:manohar@gmail.com) | manohar | Manohar |
| 7 | Vishwesh | 7867654543 | [vishewsh@gmail.com](mailto:vishewsh@gmail.com) | vishwesh | Vishwesh |
| 8 | Ananth | 6754345434 | [ananth@gmail.com](mailto:ananth@gmail.com) | ananth | Ananth |
| 9 | Mukesh | 4534287676 | [mukesh@gmail.com](mailto:mukesh@gmail.com) | mukesh | Mukesh |
| 10 | Vishwanath | 7680987654 | [vishwanath@gmail.com](mailto:vishwanath@gmail.com) | vishwanath | Vishwanath |
| 11 | Anurup | 6743278656 | [anurup@gmail.com](mailto:anurup@gmail.com) | anurup | Anurup |
| 12 | Raju | 5546567876 | [raju@gmail.com](mailto:raju@gmail.com) | Raju | Raju |
| 13 | Rakesh | 8887876565 | [rakesh@gmail.com](mailto:rakesh@gmail.com) | rakesh | Rakesh |
| 14 | Raghu | 6765454323 | [raghu@gmail.com](mailto:raghu@gmail.com) | raghu | Raghu |
| 15 | Kasyap | 9888765654 | [kasyap@gmail.com](mailto:kasyap@gmail.com) | kasyap | Kasyap |
| 16 | Muni | 5654343232 | [muni@gmail.com](mailto:muni@gmail.com) | Muni | Muni |
| 17 | Sandeep | 5654343234 | [sandeep@gmail.com](mailto:sandeep@gmail.com) | sandeep | Sandeep |
| 18 | Vamsi | 6765454343 | [vamsi@gmail.com](mailto:vamsi@gmail.com) | vamsi | Vamsi |
| 19 | Prasad | 5555545434 | [prasad@gmail.com](mailto:prasad@gmail.com) | prasad | Prasad |
| 20 | Prakash | 2223232343 | [prakash@gmail.com](mailto:prakash@gmail.com) | prakash | Prakash |

**Test Case:**

The below are the test case steps for adding a new user.

|  |  |  |  |
| --- | --- | --- | --- |
| **testcase** | **teststep** | **Keywords** | **description** |
| TC11 | 1 | useropenhomepage | user comes to homepage |
| TC11 | 2 | userclickloginregister | user clicks on login/register |
| TC11 | 3 | userclciksignuphere | user clicks on sign up here link |
| TC11 | 4 | registeruser(3) | Register the user no. 3 from data sheet |
| TC11 | 5 | userclosebrowser | Close the browser |

**Main Test Case:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **testcase** | **workbook** | **Sheet** | **Description** | **Run** |
| TC01 | tests\_wb1 | TCGroup1 | Login as admin, logout and close browser | No |
| TC02 | tests\_wb1 | TCGroup1 | Login as admin and post add three vehcles | No |
| TC03 | tests\_wb1 | TCGroup1 | Login as admin and post add one vehcles | No |
| TC04 | tests\_wb1 | TCGroup1 | Login as admin, logout and close browser (Use adminlogin keyword) | No |
| TC05 | tests\_wb1 | TCGroup1 | Login as admin and post add one vehcles (Use adminlogin keyword) | No |
| TC06 | tests\_wb1 | TCGroup1 | Login as admin and post add one brand | No |
| TC07 | tests\_wb1 | TCGroup1 | Login as admin and post a new brand and add a vehicle under that new brand. | No |
| TC08 | tests\_wb1 | TCGroup1 | Login as admin get the current no. of brands on dashboard. Post a brand and get the new number of brands. Verify that the number of brands is increased by one. | No |
| TC09 | tests\_wb1 | TCGroup1 | Login as admin get the current no. of brands on dashboard. Post three brands and get the new number of brands from dashboard. Verify that the number of brands is increased by three. | No |
| TC10 | tests\_wb1 | TCGroup1 | Login as admin and get the current no. of vehicles from dashboard. Post three new vehicles and get the number of vehicles. Verify that the number of vehicles are increased by three. | No |
| TC11 | tests\_wb1 | TCGroup1 | Register user 1 to the carrental application. | Yes |