Now we already have the functionality developed for DriverScript.java and excelUtilities.java functionalities and we don’t have to update anything in these. All we need to do is create object repository “userloginOR” and action class “userlogin” and write test case and it should work.

**userloginOR.java under objectrepository package:**

**package** objectrepository;

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

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

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

**public** **class** userloginOR {

WebDriver driver;

**public** userloginOR(WebDriver driver){

**this**.driver = driver;

}

**public** WebElement userclickloginregister() {

WebElement clickloginregister = driver.findElement(By.*cssSelector*(".btn.btn-xs.uppercase"));

**return** clickloginregister;

}

**public** WebElement userenteremailaddress() {

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

**return** enteremailaddress;

}

**public** WebElement userenterpassword() {

WebElement enterpassword = driver.findElements(By.*xpath*("//input[@name='password']")).get(0);

**return** enterpassword;

}

**public** WebElement userclicklogin() {

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

**return** userclicklogin;

}

**public** WebElement userclciksignuphere() {

WebElement userclicksignuphere = driver.findElement(By.*xpath*("//a[contains(text(),'Signup Here')]"));

**return** userclicksignuphere;

}

**public** WebElement registerfullname() {

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

**return** fullname;

}

**public** WebElement registermobileno() {

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

**return** mobileno;

}

**public** WebElement registeremailaddress() {

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

**return** emailaddr;

}

**public** WebElement registerpassword() {

WebElement password = driver.findElements(By.*xpath*("//input[@name='password']")).get(1);

**return** password;

}

**public** WebElement registerconfirmpassword() {

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

**return** confirmpassword;

}

**public** WebElement userclicksignup() {

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

**return** userclicksignup;

}

**public** WebElement userclickloginhere() {

WebElement userclickloginhere = driver.findElement(By.*xpath*("//a[contains(text(),'Login Here')]"));

**return** userclickloginhere;

}

**public** WebElement userclickforgotpassword() {

WebElement userclickforgotpassword = driver.findElement(By.*xpath*("//a[contains(text(),'Forgot Password ?')]"));

**return** userclickforgotpassword;

}

**public** WebElement userforgotemailaddress() {

WebElement userforgotemailaddress = driver.findElements(By.*xpath*("//input[@name='email']")).get(1);

**return** userforgotemailaddress;

}

**public** WebElement userforgotmobileno() {

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

**return** userforgotmobileno;

}

**public** WebElement userforgotpassword() {

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

**return** userforgotpassword;

}

**public** WebElement userforgotconfirmpassword() {

WebElement userforgotconfirmpassword = driver.findElements(By.*xpath*("//input[@name='confirmpassword']")).get(1);

**return** userforgotconfirmpassword;

}

**public** WebElement userresetmypassword() {

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

**return** userresetmypassword;

}

**public** WebElement userbacktologin() {

WebElement userbacktologin = driver.findElement(By.*xpath*("//div[@class='text-center']/p[2]/a"));

**return** userbacktologin;

}

}

Now let’s develop the action class.

**userlogin.java of actions package:**

**package** actions;

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

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

**import** org.testng.Assert;

**public** **class** userlogin {

WebDriver driver;

**public** userlogin(WebDriver driver){

**this**.driver = driver;

}

**public** **void** useropenhomepage() {

driver.get("http://localhost/carrental");

}

**public** **void** userclickloginregister(WebElement clickloginregister) {

clickloginregister.click();

}

**public** **void** userenteremailaddress(WebElement enteremailaddress, String emailaddress) {

enteremailaddress.sendKeys(emailaddress);

}

**public** **void** userenterpassword(WebElement enterpassword, String password) {

enterpassword.sendKeys(password);

}

**public** **void** userclicklogin(WebElement clicklogin) {

clicklogin.click();

}

**public** **void** userclciksignuphere(WebElement clicksignuphere) {

clicksignuphere.click();

}

**public** **void** registerfullname(WebElement regfullname, String fullname) {

regfullname.sendKeys(fullname);

}

**public** **void** registermobileno(WebElement regmobileno, String mobileno) {

regmobileno.sendKeys(mobileno);

}

**public** **void** registeremailaddress(WebElement regemailaddress, String emailaddress) {

regemailaddress.sendKeys(emailaddress);

}

**public** **void** registerpassword(WebElement regpassword, String password) {

regpassword.sendKeys(password);

}

**public** **void** registerconfirmpassword(WebElement regconfirmpwd, String confirmpwd) {

regconfirmpwd.sendKeys(confirmpwd);

}

**public** **void** userclicksignup(WebElement userclicksignup) {

userclicksignup.click();

}

**public** **void** registersuccess() {

String str = driver.switchTo().alert().getText();

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

Assert.*assertEquals*(str, "Registration successfull. Now you can login");

System.***out***.println("User registered successfully.");

}

**public** **void** userclickloginhere(WebElement userclickloginhere) {

userclickloginhere.click();

}

**public** **void** userclickforgotpassword(WebElement userclickforgotpassword) {

userclickforgotpassword.click();

}

**public** **void** userforgotemailaddress(WebElement userforgotemailaddress, String emailaddress) {

userforgotemailaddress.sendKeys(emailaddress);

}

**public** **void** userforgotmobileno(WebElement userforgotmobileno, String mobileno) {

userforgotmobileno.sendKeys(mobileno);

}

**public** **void** userforgotpassword(WebElement userforgotpassword, String password) {

userforgotpassword.sendKeys(password);

}

**public** **void** userforgotconfirmpassword(WebElement userforgotconfirmpassword, String confirmpassword) {

userforgotconfirmpassword.sendKeys(confirmpassword);

}

**public** **void** userresetmypassword(WebElement userresetmypassword) {

userresetmypassword.click();

}

**public** **void** userbacktologin(WebElement userbacktologin) {

userbacktologin.click();

}

**public** **void** userclosebrowser() {

driver.quit();

}

}