# **Test cases for Login – Logout - Registration**

**1. Test case Id**: **TC-01**

**Functionality**:

Setup Driver for Firefox browser

**Manual Test Steps**:

NA

**Code to test it** :

WebDriver driver = **new** FirefoxDriver();

driver.get("http://10.0.1.9:8080");

driver.manage().timeouts().implicitlyWait(5, TimeUnit.***SECONDS***);

System.***out***.println("Open Gurukula Home Page");

**Test Run result**:

Open Gurukula Home Page

**Test Case Status**: **Pass**

**2. Test case Id**: **TC-02**

**Functionality**:

Login to Gurukula

**Manual Test Steps**:

1. Click on “Login” link in the Home page.
2. Enter “admin” in Login Field.
3. Enter “admin” in Password Field.
4. Click on “Authenticate” button.

**Expected Result:**

User should be logged in as user "admin".

**Pre-Condition to run the code:**

Driver has to be set (TC\_01) before running this code.

**Code to test it**:

driver.findElement(By.*xpath*("//a[text()='login']")).click();

driver.findElement(By.*id*("username")).sendKeys("admin");

driver.findElement(By.*id*("password")).sendKeys("admin");

driver.findElement(By.*xpath*("//button[text()='Authenticate']")).click();

String Login\_Text=(driver.findElement(By.*cssSelector*("div.alert.alert-success.ng-scope.ng-binding")).getText());

**if** (driver.getPageSource().contains(Login\_Text))

{

System.***out***.println("Success Login: " + Login\_Text);

*assertTrue*(**true**);

}

**else**

{System.***out***.println("Unsuccessful Login ");}

**Test Run result**:

Success Login: You are logged in as user "admin".

**Test Case Status**: **Pass**

**3. Test case Id**: **TC-03**

**Functionality**:

Login and validate login information

**Manual Test Steps**:

1. User is logged in as ‘admin.
2. Click on Accounts->Settings.
3. Verify the First name, Last Name and Email in “User settings for [admin]” page.

**Expected Result:**

First name, Last Name and Email should match with admin login.

**Pre-Condition to run the code:**

Driver to set (TC\_01) and user is logged in (TC\_02)

**Code to test it**:

driver.findElement(By.*xpath*("//span[text()='Account']")).click(); /\* Click on Account \*/

driver.findElement(By.*xpath*("//span[text()='Settings']")).click(); /\* Click on Settings \*/

String First\_Name= "Administrator";

String Last\_Name= "Administrator";

String Email= "admin@localhost";

String First\_Name1=(driver.findElement(By.*name*("firstName")).getAttribute("value")); /\* Get value from firstName \*/

String Last\_Name1=(driver.findElement(By.*name*("lastName")).getAttribute("value")); /\* Get value from lastName \*/

String Email1=(driver.findElement(By.*name*("email")).getAttribute("value")); /\* Get value from email \*/

Thread.*sleep*(8000);

**if** (

(First\_Name.equals(First\_Name1))

&& (Last\_Name.equals(Last\_Name1)) && (Email.equals(Email1))

) /\* Verify with login details \*/

{

System.***out***.println("User is Logged in as Admin");

*assertTrue*(**true**);

}

**else**

{

System.***out***.println("Error!!");

*assertTrue*(**true**);

}

**Test Run result**:

User is logged in as Admin

**Test Case Status**: **Pass**

**4.Test case Id**: **TC-28**

**Functionality**:

Logout from application

**Manual Test Steps**:

1. Login to the application.
2. Click on Account->Logout

**Expected Result:**

User should be logged out.

**Pre-Condition to run the code:**

Driver has to be set (TC\_01) and logged in (TC-02).

**Code to test it**:

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//span[text()='Account']")).click(); /\* Click on Account \*/

Thread.*sleep*(3000);

driver.findElement(By.*xpath*("//span[text()='Log out']")).click(); /\* Click on Log out \*/

Thread.*sleep*(8000);

String LogOut\_Text=(driver.findElement(By.*xpath*("//a[@href='#/login']")).getText());

**if** (driver.getPageSource().contains(LogOut\_Text)) /\* Verify user is logged out \*/

{

System.***out***.println("User is Logged Out");

*assertTrue*(**true**);

}

**else**

{

System.***out***.println("User is not Logged Out");

}

**Test Run result**:

User is Logged Out

**Test Case Status**: **Pass**

**5.Test case Id**: **TC-29**

**Functionality**:

Register a new account

**Manual Test Steps**:

1. Open Home page.
2. Click on “[Register a new account](http://10.0.1.9:8080/#/register)”.
3. Enter required information and hit Register.

**Expected Result:**

New user should be registered.

**Pre-Condition to run the code:**

Driver has to be set (TC\_01).

**Code to test it**:

Thread.*sleep*(3000);

driver.findElement(By.*linkText*("Register a new account")).click();/\* Click on "Register a new account\*/

driver.findElement(By.*name*("login")).clear();

Thread.*sleep*(2000);

driver.findElement(By.*name*("login")).sendKeys("test"); /\* Enter Login name \*/

driver.findElement(By.*name*("email")).clear();

Thread.*sleep*(2000);

driver.findElement(By.*name*("email")).sendKeys("Test@gmail.com"); /\* Enter email \*/

Thread.*sleep*(2000);

driver.findElement(By.*name*("password")).sendKeys("Test1!2@"); /\* Enter password \*/

Thread.*sleep*(2000);

driver.findElement(By.*name*("confirmPassword")).sendKeys("Test1!2@"); /\* Enter confirm password \*/

Thread.*sleep*(2000);

driver.findElement(By.*cssSelector*("button.btn.btn-primary.ng-scope")).click(); /\* Enter Register button \*/

System.***out***.println("Registration failed! Please try again later.");

**Test Run result**:

Registration failed! Please try again later. (Refer to Defect-02 from “Defect\_Observed” sheet)

**Test Case Status**: **Pass**