

1.Problem statement:

Process	Steps To Execute	Expected Results
Delete Users and check for login	1. Login to admin portal 2. Navigate to Systems section 2. Choose Users 3. Delete user and Save 4. Logout 5. Use the deleted user credential to login to admin portal	1. Validate the Deleted User not present in the list of users of admin tab 2. Verify the deleted user does not have the access to admin portal

2. code with comments:

Login.java Program:

```
package com.ibm.test;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.HashMap;
import java.util.Properties;
import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Assert;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Test;

import com.ibm.pages.AdminPage;
import com.ibm.utilities.PropertiesFileHandler;

public class Login extends AdminPage{

    @FindBy(name="email")
    WebElement emailEle;

    @FindBy(name="pword")
    WebElement passEle;

    @FindBy(xpath="/html/body/div/div/div/div[2]/form/button")
    WebElement loginEle;
    WebDriverWait wait;
    WebDriver driver;
```

```

    public Login(WebDriver driver,WebDriverWait wait) {
        PageFactory.initElements(driver, this);
        this.driver=driver;
        this.wait=wait;
    }

    public void enterEmailAddress(String user)
    {
        emailEle.sendKeys(user);
    }
    public void enterPassword(String password)
    {
        passEle.sendKeys(password);
    }
    public void clickOnLogin()
    {
        loginEle.click();
    }
}

```

Testcase program:

```
package com.ibm.pages;
```

```
import java.io.FileInputStream;
```

```
import java.io.FileNotFoundException;
```

```
import java.io.IOException;
```

```
import java.util.HashMap;
```

```
import java.util.Properties;
```

```
import java.util.concurrent.TimeUnit;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import org.openqa.selenium.support.PageFactory;
```

```
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
import org.testng.Assert;
```

```
import org.testng.annotations.Test;
```

```
import com.ibm.test.Login;
```

```
import com.ibm.utilities.PropertiesFileHandler;
```

```
public class AdminPage{
```

```
    WebDriverWait wait;
```

```
    WebDriver driver;
```

```
    //PropertiesFileHandler propFileHandler;
```

```
    //HashMap<String, String> data;
```

```
    @Test
```

```
    public void testCase7() throws IOException, InterruptedException {
```

```
        FileInputStream file = new FileInputStream("./TestData/data.properties");
```

```
        Properties prop = new Properties();
```

```
        prop.load(file);
```

```
        String url = prop.getProperty("url");
```

```
        String username = prop.getProperty("user");
```

```
        String password = prop.getProperty("password");
```

```
        System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
```

```
        driver = new ChromeDriver();
```

```
        wait = new WebDriverWait(driver, 60);
```

```
        driver.get(url);
```

```
        driver.manage().window().maximize();
```

```
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
```

```
        Login login = new Login(driver, wait);
```

```
        login.enterEmailAddress(username);
```

```
login.enterPassword(password);
login.clickOnLogin();

WebElement systemEle=driver.findElement(By.linkText("System"));
systemEle.click();

WebElement usersEle=driver.findElement(By.linkText("Users"));
usersEle.click();

Thread.sleep(3000);
WebElement actionEle=driver.findElement(By.cssSelector(".even:nth-child(2)
.btn"));

actionEle.click();

WebElement deleteEle=driver.findElement(By.linkText("Delete"));
deleteEle.click();

WebElement confirmEle=driver.findElement(By.cssSelector("button.confirm"));
confirmEle.click();

WebElement logoutEle=driver.findElement(By.linkText("Log Out"));
logoutEle.click();

String username1 = prop.getProperty("user1");
String password1 = prop.getProperty("password1");
login.enterEmailAddress(username1);
login.enterPassword(password1);
login.clickOnLogin();
```

```
Assert.assertTrue(driver.findElement(By.linkText(" No match for Email and  
Password or User is not activated.")).isDisplayed());
```

```
}
```

```
//wait.until(ExpectedConditions.presenceOfElementLocated(By.partialLinkText("valid")));
```

```
}
```

Data.properties file:

```
url=https://atozgroceries.com/admin  
user=demo@atozgroceries.com  
password=456789  
user1=test01@gmail.com  
password1=456789
```

3. Explanation of the code:

I have created Login.java program with the Login details of the atozgroceries admin page which can be used in our Admin Page test cases. AdminPage.java is where I have used @Test and used TestNG to execute the program

4. Result flow in detail:

I have created Login.java program with the Login details of the atozgroceries admin page which can be used in our Admin Page test cases. AdminPage.java is where I have used @Test and used TestNG to execute the program

5. Output screenshot:

