Day-12

Test Case

Description	Test Steps	Validation
Modify a banner	1. Navigate onto admin panel -> Catalog -> Banners 2. Modify anyone Banner name and Save 3. Attach a file and Save	1. Validate the presence of modified Banners header 2. Validate the error message 3.1. Validate the success message 3.2. Validate the presence of modified record in the admin panel table 3.3 Validate the presence of modified record in the DB table

Steps Executed:

- Login to the admin panel with user id and password.
- Select a banner record to modify the banner name.
- Save the record with modified banner name and validate the success message for modification, validate the presence of banner, validate the presence of record in admin panel and in the database.

Program Code:

Base Test.Java:

```
package com.ibm.test;

import java.io.File;
import java.io.IOException;
import java.sql.Connection;
import java.sql.Date;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.concurrent.TimeUnit;


import org.apache.commons.io.FileUtils;
import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.OutputType;
```

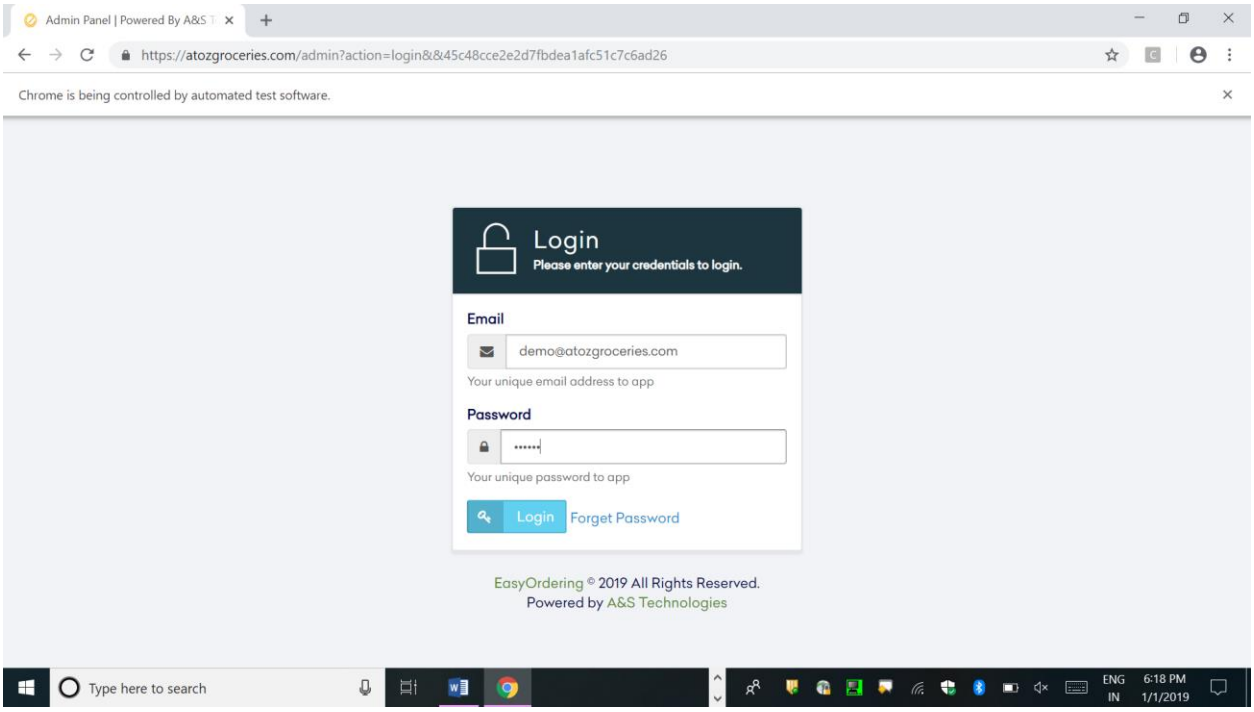
```
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Assert;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.DataProvider;
import org.testng.annotations.Test;

import com.ibm.pages.AdminPage;
import com.ibm.pages.AdminPage1;
import com.ibm.pages.UserPage;
import com.ibm.utilities.ExcelUtil;
import com.ibm.utilities.PropertiesFileHandler;


public class BaseTest {
	WebDriver driver;
	WebDriverWait wait;
	PropertiesFileHandler propFIleHandler;
	HashMap<String, String> data;

	@BeforeSuite
	public void propertiesfile() throws IOException {
		String file = "./TestData/data.properties";
		PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
		data = propFileHandler.getPropertiesAsMap(file);
	}

	@BeforeMethod
	public void BrowserInitialization() {
		System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
		driver = new ChromeDriver();
		wait = new WebDriverWait(driver, 60);
		driver.manage().window().maximize();
		driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
	}



	@Test
	public void ModifyBannerNameVerifyDatabase() throws InterruptedException,
SQLException {

		String url = data.get("url");
		String userName = data.get("username");
		String password = data.get("password");
		String Bannername=data.get("Banner");
		String SuccessMessage=data.get("BannerSuccess");
		String ErrorMessage=data.get("ErrorMsg");
```

```
            driver.get(url);
            System.out.println("Modify a banner, Check for the success message,
Check for the presence of modified record in admin table, Check for the presence of
record in the database");
            AdminPage1 home = new AdminPage1(driver, wait);
            home.EnetrEmailAddress(userName);
            home.EnetrPassword(password);
            home.ClickonLoginButton();
            home.ClickonCatalogTabButton();
            home.ClickOnBanner();
            home.ClickOnBannerAction();
            home.ClickOnBannerEdit();
            home.EnterBannerName();
            home.ClickonTheSaveButton();
            //1.Validate the presence of modifies banner header
            WebElement Banner=
driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr[1]/td[2]"));
            String Banner1=Banner.getText();
            System.out.println("The new Banner added is :" +Banner1);
            Assert.assertEquals(Banner1,Bannername);
            //3.1.Validate the Success Message
            WebElement Msg=driver.findElement(By.xpath("//div[@class='alert alert-
success alert-dismissible']"));
            String Success=Msg.getText().replace("×","").trim();
            System.out.println("The success message is :" +Success);
            Assert.assertEquals(Success,SuccessMessage);
            //3.2 Validate the modified record data 'ForTestChange' is the newly
added reocrd
            Assert.assertEquals(Banner1, Bannername);
            //3.3 Validate the presence of modified record in db table
            Connection c =
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgr
oceries",
                        "foodsonfinger_atoz", "welcome@123");
            Statement s = c.createStatement();
            ResultSet rs = s.executeQuery("SELECT * from as_banner where
name='ForTestChange'  ");
               while (rs.next())
                   {
                        System.out.println("The coupon name added:"
+rs.getString("name"));
                        Assert.assertEquals(rs.getString("name"), Bannername);
                   }
               //2.Validate the error message
               //Login with the user id alone and click on login button and validate
the error message
               System.out.println("To Check the error message");
               driver.navigate().to("https://atozgroceries.com/admin");
               home.EnetrEmailAddress(userName);
               home.ClickonLoginButton();
               WebElement Error=driver.findElement(By.xpath("//div[@class='alert
alert-danger alert-dismissible']"));
               String ErrMessage= Error.getText().replace("×","").trim();
               System.out.println("The error message:" +ErrMessage);
          Assert.assertEquals(ErrMessage, ErrorMessage);
```

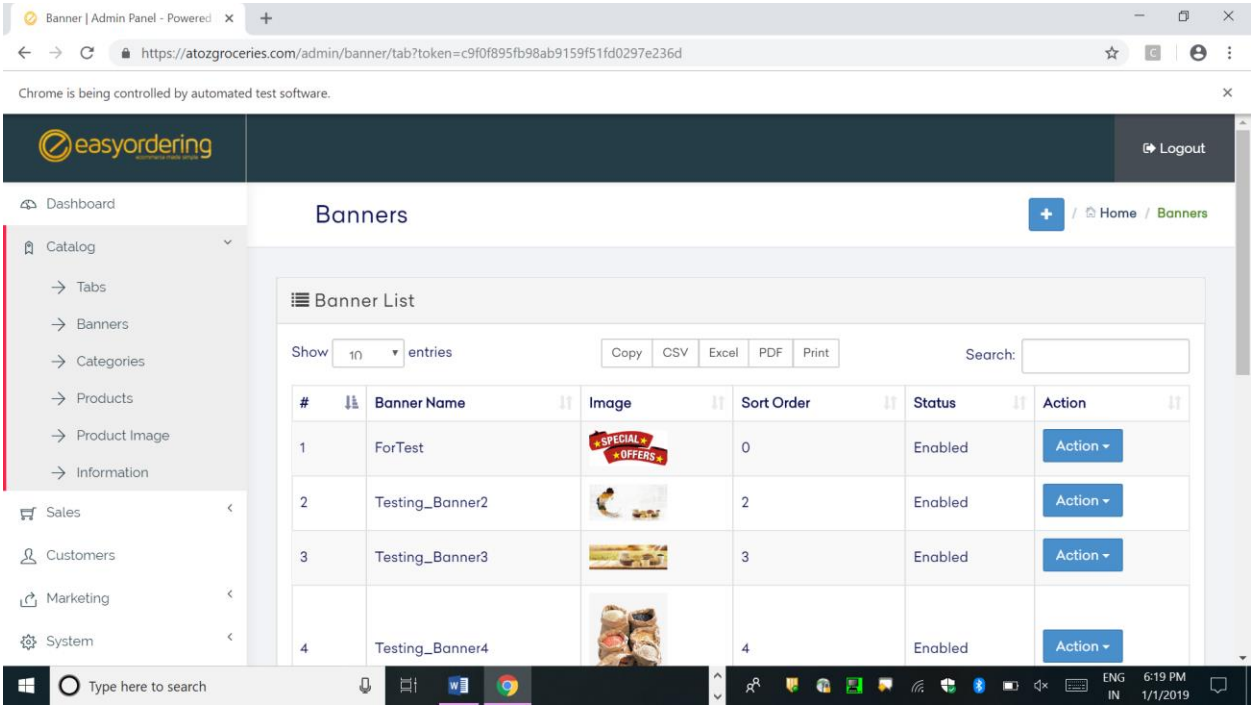
```
        }

}
```

Screenshot of steps executed:

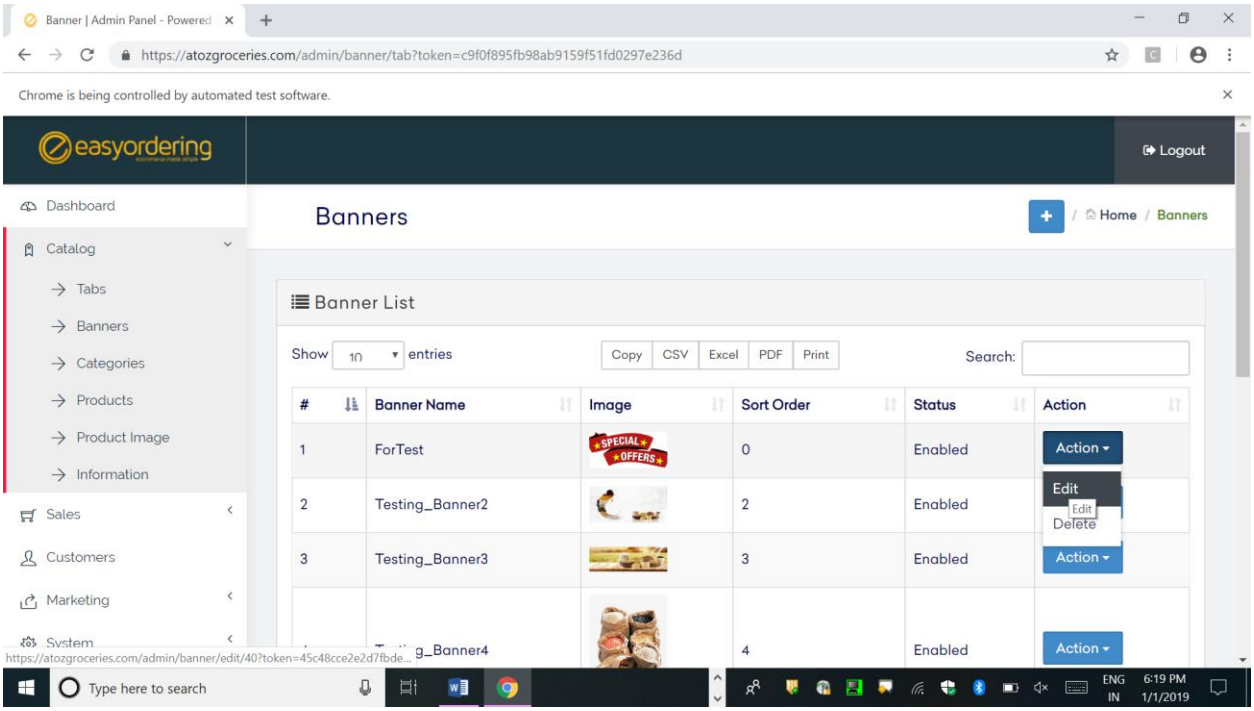
*Login to the admin panel with user id and password



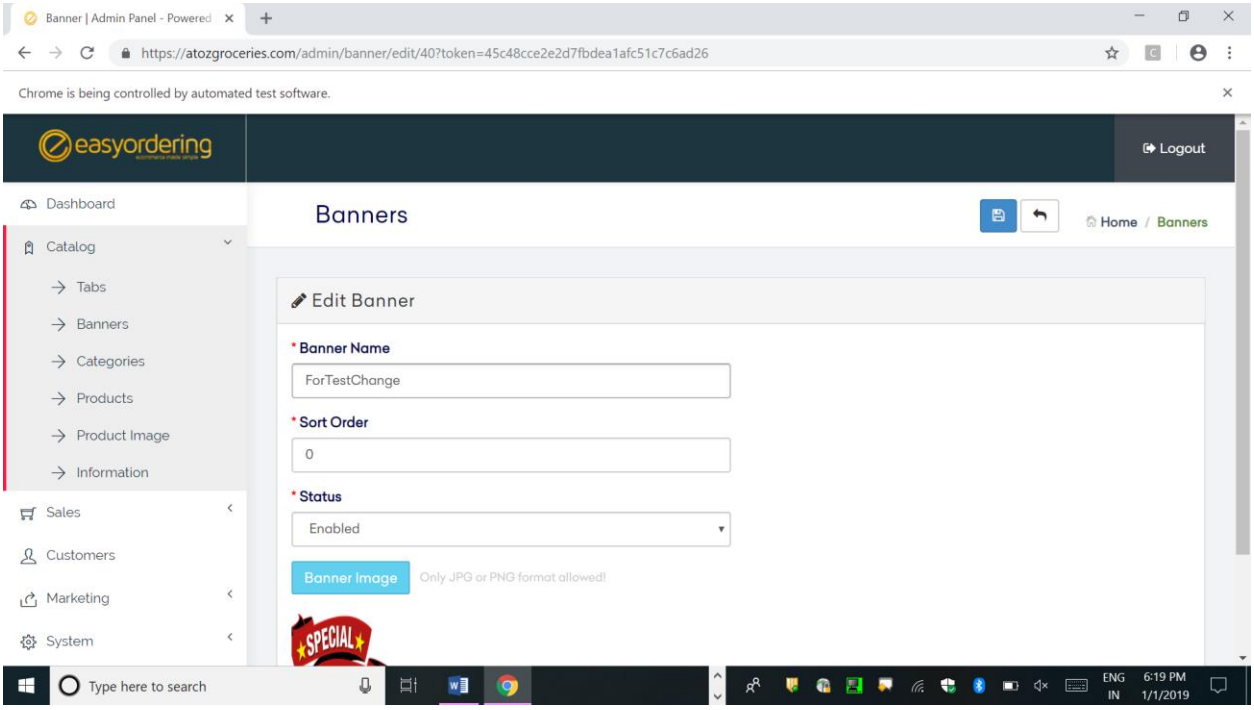
*Click on the ‘Banner’ under ‘Catalog’ tab



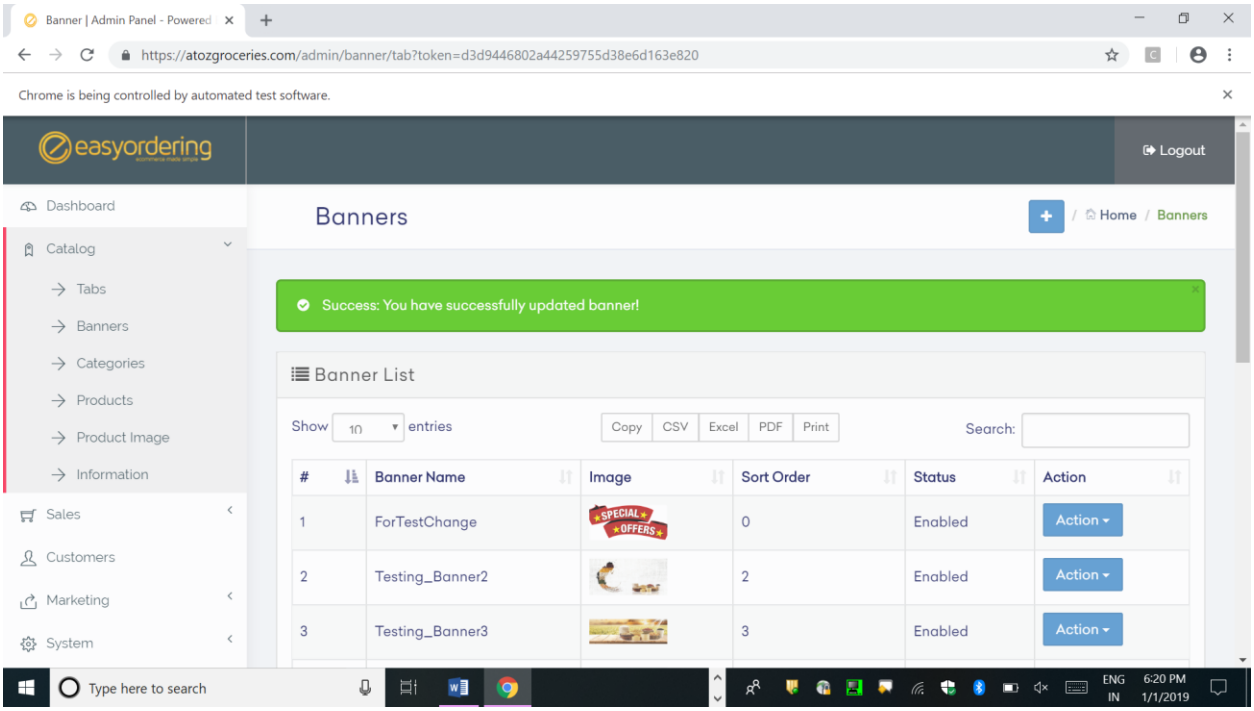
*Edit is done to the ‘ForTest’ banner name record



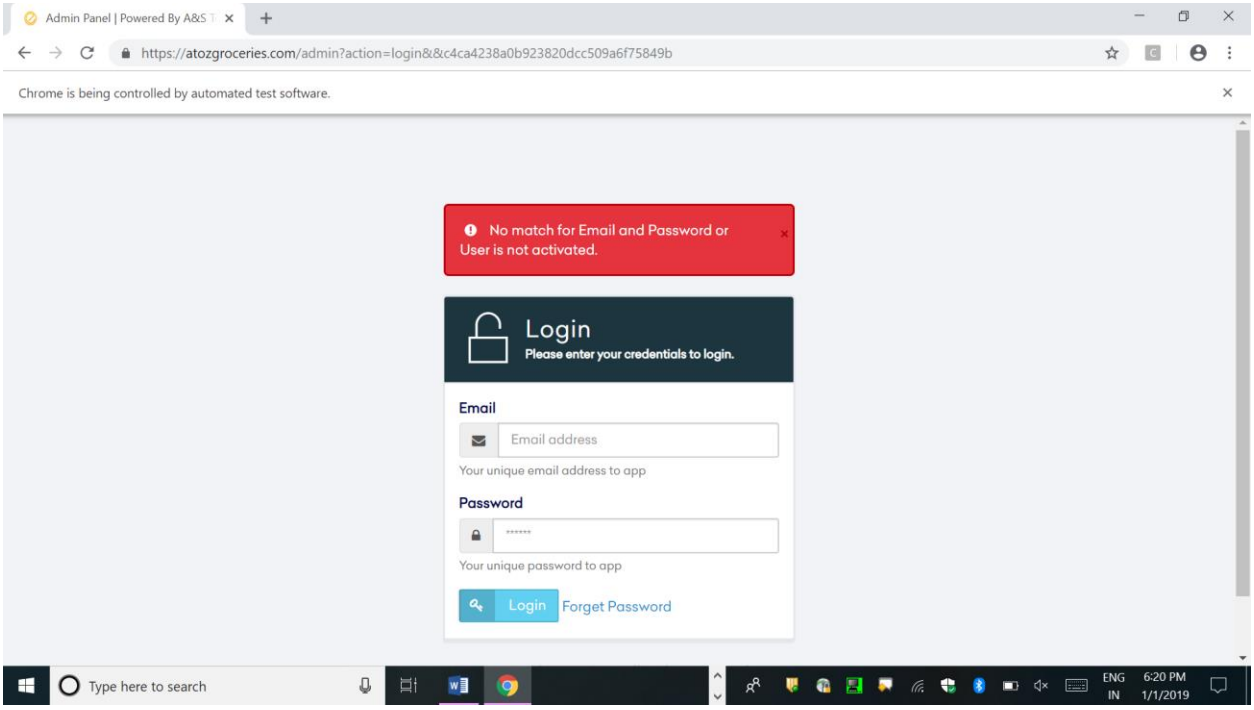
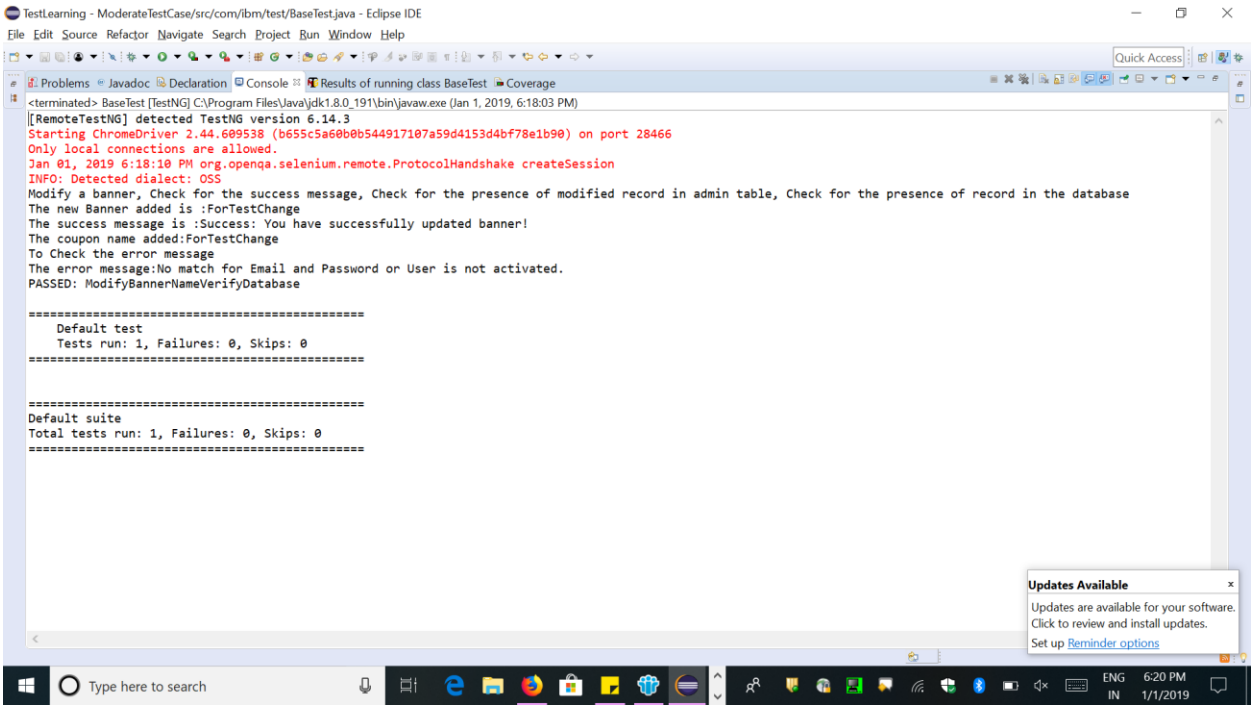
*Change the name from ‘ForTest’ to ‘ForTestChange’



*Save the record and validate the success mesage



*To validate the error message login is done using giving only user id and login button is pressed



*Eclipse output