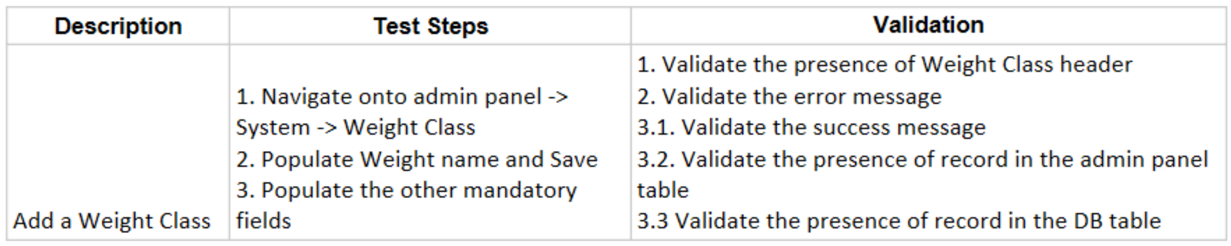
Test Case 10



Description	Test Steps	Validation
Add a Weight Class	1. Navigate onto admin panel -> System -> Weight Class 2. Populate Weight name and Save 3. Populate the other mandatory fields	1. Validate the presence of Weight Class header 2. Validate the error message 3.1. Validate the success message 3.2. Validate the presence of record in the admin panel table 3.3 Validate the presence of record in the DB table

Eclipse program

BaseTest.java program

```
package com.ibm.test;

import static org.testng.Assert.assertEquals;
import static org.testng.Assert.assertTrue;

import java.io.IOException;
import java.sql.SQLException;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.concurrent.TimeUnit;

import org.junit.Assert;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.BeforeTest;
//import org.testng.annotations.DataProvider;
import org.testng.annotations.Test;

import com.ibm.pages.AdminPage;
import com.ibm.utilities.DbConnectionUser;
//import com.ibm.utilities.ExcelUtil;
import com.ibm.utilities.PropertiesFileHandler;


public class BaseTest {
	WebDriver driver;
	WebDriverWait wait;
	PropertiesFileHandler propFileHandler;
	HashMap<String, String> data;
	//Use properties to solve the simple test cases.
	@BeforeSuite
	public void testcase1() throws IOException
	{
		//Locating property file
		String file="./TestData/data.properties";
		propFileHandler = new PropertiesFileHandler();
		data= propFileHandler.getPropertiesAsMap(file);
	}

	@BeforeMethod
	public void Initialization()
	{
		//Open chrome and wait

	System.setProperty("webdriver.gecko.driver","./drivers/geckodriver.exe");

	//System.setProperty("webdriver.chrome.driver","./drivers/chromedriver.exe");
		//driver=new ChromeDriver();
		driver=new FirefoxDriver();
		wait=new WebDriverWait(driver,60);
		driver.manage().window().maximize();
		driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

	}

	@AfterMethod
	public void closeBrowser() {
		driver.quit();
	}

	@Test(priority=10)
	public void DeleterecordFromPushNotifyTable() throws IOException,
InterruptedException, SQLException
	{
		//using data from property file
				String url = data.get("url");
				String userName=data.get("username");
				String passWord=data.get("password");
				driver.get(url);

				AdminPage adminPage=new AdminPage(driver, wait);

				adminPage.enterEmail(userName);
				adminPage.enterPassword(passWord);

				adminPage.CaptureScreenshot(driver);

				adminPage.clickOnLogin();
				adminPage.CaptureScreenshot(driver);

				adminPage.ClickOnMarketing();
				adminPage.ClickOnPushNotification();
				Thread.sleep(1000);
				adminPage.CaptureScreenshot(driver);
				DbConnectionUser dbConnect=new DbConnectionUser(driver, 
wait);
				int rowsInNotifyTable=dbConnect.DbUserDelete();
				
				adminPage.DeleteUserfromPushNotifications();
				Thread.sleep(1000);
				adminPage.CaptureScreenshot(driver);
				adminPage.ClickOnDeleteConfirm();
				Thread.sleep(1000);
				adminPage.CaptureScreenshot(driver);
				
				int afterDelRowsInTable=dbConnect.DbUserDelete();
				
				if(rowsInNotifyTable-1==afterDelRowsInTable)
				{
					System.out.println("Notifcation record is deleted");
				}
				else
				{
					System.out.println("Unable to delete record and Test 
Failed");
				}
	}
}
```

```
AdminPage.java program

package com.ibm.pages;


import static org.testng.Assert.assertEquals;

import static org.testng.Assert.fail;


import java.io.File;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.Date;

import java.util.List;

import java.util.Properties;

import java.util.concurrent.TimeUnit;


import org.apache.commons.io.FileUtils;
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.FindBy;

import org.openqa.selenium.support.PageFactory;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.Select;

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

import org.testng.Assert;

import org.testng.annotations.Test;


import com.ibm.test.LoginPage;


public class AdminPage {


	//xpaths for locating webelements in webpage

	@FindBy(name="email")

	WebElement emailAdd;


	@FindBy(name="pword")

	WebElement enterPass;


	@FindBy(xpath="//button[@class='btn btn-labeled btn-info m-b-5']")

	WebElement loginEle;
```

```
@FindBy(xpath="//*[text()=' Catalog']")
WebElement catalogEle;

@FindBy(xpath="//*[text()=' Categories']")
WebElement categorySel;

@FindBy(xpath="//table[@id='dataTableExample2']/tbody/tr[10]/td[1]")
WebElement tablelastColValue;

@FindBy(xpath="(//*[@aria-controls='dataTableExample2'])[16]")
WebElement pageTwoButton;

@FindBy(xpath="(//*[@aria-controls='dataTableExample2'])[18]")
WebElement nextButtoninPage;

@FindBy(xpath="(//*[@aria-controls='dataTableExample2'])[14]")
WebElement previousButtonInPage;

@FindBy(xpath="//*[text()=' Banners']")
WebElement bannersSel;

@FindBy(xpath="//a[@title='Add New']")
WebElement addNewButton;

@FindBy(xpath="//button[@type='Submit']")
WebElement clickOnSave;

@FindBy(name="name")
WebElement bannerNameField;

@FindBy(xpath="//*[text()='   Reports']")
```

```
WebElement clickOnReports;

@FindBy(xpath="//*[text()=' Reports']")
WebElement clickOnReturnReports;

@FindBy(name="report")
WebElement selectDropDown;

@FindBy(xpath="//span[@class='input-group-addon']")
WebElement clickOnFilter;

@FindBy(xpath="//table[@id='dataTableExample2']/tbody/tr")
List<WebElement> selectReportTable;

@FindBy(xpath="//table[@id='dataTableExample2']/tbody/tr[1]/td")
WebElement tableData;

@FindBy(xpath="//*[text()='   System']")
WebElement systemSection;

@FindBy(xpath="//*[text()=' Weight Class']")
WebElement weightClass;

@FindBy(xpath="(//*[@class='caret'])[5]")
WebElement clickOnAction;

@FindBy(xpath="(//*[@title='Edit'])[5]")
WebElement clickOnEdit;

@FindBy(xpath="//input[@name='name']")
WebElement editWeightName;
```

```
	@FindBy(xpath="//input[@name='unit']")
	WebElement editUnitName;

	@FindBy(xpath="//*[@name='status']")
	WebElement editStatus;

	@FindBy(xpath="//button[@title='Save']")
	WebElement clickOnSavebuttonInSettings;

	@FindBy(xpath="(//*[@class='material-ripple'])[17]")
	WebElement clickOnSystem;

	@FindBy(xpath="//*[text()='  Shipping']")
	WebElement clickOnShipping;

	@FindBy(xpath="//*[text()=' Settings']")
	WebElement clickOnSettings;

	@FindBy(xpath="//input[@id='store_name']")
	WebElement storeName;

	@FindBy(xpath="//div[@class='alert alert-success alert-dismissible']")
	WebElement successMsgText;

	@FindBy(xpath="//*[text()=' Statistics']")
	WebElement clickonStatistics;



	@FindBy(xpath="//table[@class='table table-bordered table-striped table-
hover']/tbody/tr[5]/td[2]")
	WebElement totalProducts;
```

```
@FindBy(xpath="//*[text()=' Products']")
WebElement clickOnProducts;

@FindBy(xpath="(//*[@class='caret'])[1]")
WebElement clickOnActions;

@FindBy(xpath="(//*[text()='Delete'])[7]")
WebElement clickOnDeleteUnderActions;

@FindBy(xpath="//button[@class='confirm']")
WebElement clickOnConfirmDelete;

@FindBy(id="pro_name")
WebElement productName;



@FindBy(xpath="//a[text()='Data']")
WebElement clickOnDatalink;

@FindBy(xpath="//a[text()='Link']")
WebElement clickOnlink;

@FindBy(id="tabs")
WebElement selectTabs;

@FindBy(xpath="//*[text()=' Tabs']")
WebElement clickOnTabs;

@FindBy(id="categories")
WebElement selectCategories;
```

```
@FindBy(xpath="//a[text()='Image']")
WebElement clickOnImage;

@FindBy(xpath="//input[@id='pro_image']")
WebElement selectProductImage;

@FindBy(xpath="//button[@type='Submit']")
WebElement clickOnSaveButton;

@FindBy(xpath="//*[text()=' Users']")
WebElement clickOnUserTab;

public void ClickOnUserTab()
{
      clickOnUserTab.click();
}

WebDriverWait wait;
WebDriver driver;
JavascriptExecutor js=(JavascriptExecutor)driver;

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

//Enter email address
public void enterEmail(String username)
```

```
	{
		emailAdd.sendKeys(username);
	}
	//To enter password
	public void enterPassword(String password)
	{
		enterPass.sendKeys(password);
	}
	//click on Login button
	public void clickOnLogin()
	{
		loginEle.click();
	}

	//Capture screen shot method.. including date in between filename
	public void CaptureScreenshot(WebDriver driver) throws IOException
	{
		File file=((TakesScreenshot) driver).getScreenshotAs(OutputType.FILE);

		//Created date method to include date in screen shot file name
		Date date=new Date();

		//Changing : into - to understand easily and seperate day-month-year
		String currentDate=date.toString().replace(":", "-");

		FileUtils.copyFile(file, new File("./ProjectOneSS/LoginPage-
"+currentDate+".jpg"));
	}
	//Selecting catelog
	 public void Catelog()
	 {
		catalogEle.click();
```

```
         }
         //Selecting category
        public void selCategory()
        {
               categorySel.click();
        }
        //TableColValue from Last row
        public String tableValue()
        {
               return tablelastColValue.getText();
        }

        //Method to verify Page 2 navigation button is displayed and working or not
        public void pageTwoNavi()
        {
               if(pageTwoButton.isDisplayed() && pageTwoButton.isEnabled())
               {
                      System.out.println("Page navigation is displayed and enabled");
                      pageTwoButton.click();
               }
               else
               {
                      //Condition to fail test case if next page number 2 not displayed
or not enabled
                      Assert.fail("Page Navigation is failed");
               }

        }
        //Method to verify Next Button is displayed and working or not
        public void nextButton()
        {
               if(nextButtoninPage.isDisplayed() && nextButtoninPage.isEnabled())
```

```
		{
			System.out.println("Next Button is displayed and Enabled");
			nextButtoninPage.click();
		}
		else
		{
			//Condition to fail test case if Next button not displayed or not 
enabled
			Assert.fail("Next Button is disabled");
		}


	}
	//Method to verify Previous button is displayed and working or not
	public void previousButton()
	{
		if(previousButtonInPage.isDisplayed() && 
previousButtonInPage.isEnabled())
		{
			System.out.println("Previous Button is displayed and Enabled");
			previousButtonInPage.click();
		}
		else
		{
			//Condition to fail test case if Previous button not displayed or 
not enabled
			Assert.fail("Previous button is disabled");
		}


	}
	//To click on Banners on LHS
	public void clickOnBanners()
	{
		bannersSel.click();
	}

	//To click on Add new button in Banners
	public void clickOnAddNewButton()
	{
		addNewButton.click();
	}

	//Click on Save button
	public void clickOnSaveButton()
	{
		clickOnSave.click();
	}

	//Verifying validation message
	public void validationMessage()
	{

		String sText=js.executeScript("return 
document.getElementsByName('name')[\"0\"].validationMessage").toString();
		System.out.println(sText);


	}
	//Enter in Banner Name field
	public void bannerName()
	{
		bannerNameField.sendKeys("BannerTestCase");
	}
	public void ClickOnTabs()
	{
		clickOnTabs.click();
```

```java
}
//CLick on Reports link
public void clickOnReports()
{
	clickOnReports.click();
}

//Click on reports under Reports
public void returnReports()
{
	clickOnReturnReports.click();
}

//Select Value from Drop down
public void selectDropDown()
{
	Select select=new Select(selectDropDown);
	select.selectByVisibleText("Returns Report");
}

/*//Click on Filters
public void clickOnFilter()
{
	clickOnFilter.click();
}*/
//Select Table
public void selectReportTable()
{
	int rowsInTable=selectReportTable.size();
	System.out.println("Rows in Table - "+rowsInTable);
}
```

```
//print Table data
public void tableData()
{
       String firstRowValue=tableData.getText();
       System.out.println("Table value "+firstRowValue);
}
//To click on System
public void systemSection()
{
       systemSection.click();
}

//To click on Weight class
public void weightClass()
{
       weightClass.click();
}

//Click on Action tab
public void ClickOnAction()
{
       clickOnAction.click();
}

//Click on Edit option
public void ClickOnEdit()
{
       clickOnEdit.click();
}
```

```
//Edit Weight Name

public void EditWeightName()

{

	editWeightName.clear();

	editWeightName.sendKeys("Kilograms");

}


//Edit Unit Name

public void EditUnitName()

{

	editUnitName.clear();

	editUnitName.sendKeys("1");

}

//Select Status

public void SelectStatus()

{

	Select selDropValue=new Select(editStatus);

	selDropValue.selectByValue("1");

}

//Click on Save button

/*public void ClickOnSaveButton()

{

	clickOnSaveButton.click();

}*/


//loop to validate presence of Edit weight Name in Weight class

public void verifyWeightName()

{

	int rowsInWeightClassTable=selectReportTable.size();


	String weightNameInWeightClass=null;
```

```
              String statusFromWeightClass=null;


              for(int i=1;i<=rowsInWeightClassTable;i++)

              {

                     WebElement
weightName=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i
+"]/td[2]"));

                     WebElement
statusInWeightClass=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbo
dy/tr["+i+"]/td[4]"));


                     weightNameInWeightClass= weightName.getText();

                     statusFromWeightClass=statusInWeightClass.getText();


                     if(weightNameInWeightClass.equals("Kilograms"))

                     {

                            break;

                     }

              }

                     //Confirming edited weightName

                     if(weightNameInWeightClass.equals("Kilograms") &&
statusFromWeightClass.equals("Enabled"))

                     {

                            System.out.println("WeightName successfully edited");

                     }

                     else

                     {

                            //If Weight Name is not edited fail the test case

                            Assert.fail("WeightName is not Edited in Weight Class
screen");

                     }

              }
```

```
//Click on System tab on LHS
public void ClickOnSystem()
{
	clickOnSystem.click();
}

//Click on Shipping
public void ClickOnShipping()
{
	clickOnShipping.click();
}

//Click on Settings on LHS
public void ClickOnSettings()
{
	clickOnSettings.click();
}
//Edit store name in Edit Settings
public void StoreNameEdit(String newStoreName)
{
	storeName.clear();
	storeName.sendKeys(newStoreName);
}

//Click on Save button
public void ClickOnSaveButtonInSettings()
{
	clickOnSavebuttonInSettings.click();
}
```

```
	//Validation on edit Store name success message
	public void SuccessMsgTest(String editStoreNameMsg)
	{
		String storeNameEdited=successMsgText.getText();
		Assert.assertTrue(storeNameEdited.contains(editStoreNameMsg),"Assertion 
on edit Store Name");
	}


	public void clickOnStatistics()
	{
		clickonStatistics.click();
	}


	public int totalProductsInStatistics()
	{


		String totalProductsInTable=totalProducts.getText();
		int prods=Integer.parseInt(totalProductsInTable);
		//System.out.println("Total Products "+prods);
		return prods;


	}
	public void ClickOnProducts()
	{
		clickOnProducts.click();

	wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("dataTableExamp
le2")));
	}
	public void ClickOnActions()
	{
```

```
	wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("dataTableExamp
le2")));
		clickOnActions.click();
	}
	public void ClickOnDeleteUnderActions()
	{
		clickOnDeleteUnderActions.click();
	}
	public void ClickOnDeleteConfirm()
	{
		clickOnConfirmDelete.click();
	}



	public void ProductName()
	{
		productName.sendKeys("Fresh Badham");
	}
	public void MetaTitle()
	{
		metaTitle.sendKeys("Fresh");
	}



	public void ClickOnDataLink()
	{
		Actions action=new Actions(driver);
		action.moveToElement(clickOnDatalink).click().build().perform();
		//clickOnDatalink.click();
		//js.executeScript("arguments[0].click();",clickOnDatalink);
	}
```

```
@FindBy(id="meta_title")
WebElement metaTitle;

@FindBy(id="model")
WebElement model;

@FindBy(id="gst")
WebElement gst;

@FindBy(id="price")
WebElement price;

@FindBy(id="special_dis")
WebElement specialDiscount;
public void Model()
{
	model.sendKeys("Fresh");
}
public void GstValue()
{
	gst.sendKeys("18");
}
public void PriceValue()
{
	price.sendKeys("1000");
}
public void SpecialDiscount()
{
	specialDiscount.sendKeys("0");
}
```

```
	public void ClickOnlinktab()
	{
		clickOnlink.click();
	}

	public void ClickOnImage()
	{
		clickOnImage.click();
	}

	public int tableDataInProductsTab()
	{
		int tableRows=selectReportTable.size();
		int productPriceVal=0;
		for(int i=1;i<=tableRows;i++)
		{
			WebElement
productName=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+
i+"]/td[2]"));
			String productNameText=productName.getText();
			if(productNameText.equals("Fresh Badham"))
			{
				WebElement
productPrice=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["
+i+"]/td[5]"));
				String
priceOfProduct=productPrice.getText().trim().replace(",", "").replace(".00",
"").replace("181", "");


	productPriceVal=productPriceVal+Integer.parseInt(priceOfProduct.trim());
				break;
			}
			else
```

```
				{
					Assert.fail("Unable to locate Fresh Badham product in
list");
				}

			}
			return productPriceVal;

		}

		public void selectTabValue()
		{
			Select selectTabValue=new Select(selectTabs);
			selectTabValue.selectByVisibleText("Test01");
			}

		public void selProductImage()
		{
			selectProductImage.sendKeys("C:\\Users\\IBM_ADMIN\\eclipse-
workspace\\FrameworkProjectone\\TestData\\BadhamFrs.JPG");
		}
		public void SelectCategory()
		{
			Select selectCatgory=new Select(selectCategories);
			selectCatgory.selectByVisibleText("Grains");
		}

		@FindBy(id="search-box")
		WebElement searchBoxEle;

		@FindBy(xpath="//*[text()='  Marketing']")
		WebElement clickOnMarketing;
```

```
	public void ClickOnMarketing()
	{
		clickOnMarketing.click();
	}

	@FindBy(xpath="//*[text()=' Push Notification']")
	WebElement clickOnPushNotification;

	public void ClickOnPushNotification()
	{
		clickOnPushNotification.click();
	}

	@FindBy(xpath="//img[@src='https://atozgroceries.com/assets/uploads/products/B
adhamFrs.JPG']")
	WebElement searchSelectEle;
	public void SearchBox() throws InterruptedException
	{
		searchBoxEle.click();
		Thread.sleep(1000);
	}
	public void SearchSelectEle()
	{
		searchSelectEle.click();
	}

	/*public void SearchSelectEle()
	{
		int products=searchSelectEle.size();
		for(int j=1;j<=products;j++)
		{
```

```
                    WebElement
freshBadhamPro=driver.findElement(By.xpath("(//*[@class='pro-name'])["+j+"]"));
                    String badhamProName=freshBadhamPro.getText();
                    if(badhamProName.equals("Fresh Badham"))
                    {

        driver.findElement(By.xpath("//img[@src='https://atozgroceries.com/assets/uplo
ads/products/BadhamFrs.JPG']")).click();
                            break;
                    }
                    else
                    {
                            Assert.fail();
                    }
            }*/



        /*@FindBy(xpath="(//*[text()='Fresh Badham'])[1]")
        WebElement selectFreshBadhamProduct;
        public void SelectFreshBadhamProduct() throws InterruptedException
        {

        wait.until(ExpectedConditions.elementToBeSelected(selectFreshBadhamProduct));
                selectFreshBadhamProduct.click();
                Thread.sleep(1000);
        }*/
        @FindBy(xpath="(//input[@type='text'])[2]")
        WebElement searchEleInUser;
        public void SearchEleInUserscreen()
        {
                searchEleInUser.sendKeys("CategoryTest");
                Actions action=new Actions(driver);
                action.sendKeys(Keys.DOWN).build().perform();
```

```
	}
	@FindBy(xpath="(//*[@class='product-cost'])[1]")
	WebElement selectDiscountPrice;
	public int DiscountPriceOfProduct()
	{
		String
priceofProuct=selectDiscountPrice.getText().trim().replace("₹","").replaceAll(",",
"");
		int
productPrice=Integer.parseInt(priceofProuct.trim().replace("1000.00",
"1000").replace("Discounted price: ", ""));
		System.out.println(productPrice);
		return productPrice;
	}

	public void checkForCategory() throws InterruptedException
	{
		//int rowsInCategory=selectReportTable.size();

		String CategoryName=null;
		String statusOfCategory=null;

		for(int i=1;i<=10;i++)
		{
			WebElement
CateName=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"
]/td[2]"));

			CategoryName= CateName.getText();


			if(CategoryName.equals("CategoryTest"))
			{
```

```
                            WebElement
statusIncategory=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/
tr["+i+"]/td[5]"));

                            statusOfCategory=statusIncategory.getText();

                            if(statusOfCategory.equals("Enabled"))

                            {

       driver.findElement(By.xpath("(//span[@class='caret'])["+i+"]")).click();

       driver.findElement(By.xpath("(//a[@title='Edit'])["+i+"]")).click();

                            Thread.sleep(2000);

                            WebElement
statusSel=driver.findElement(By.name("status"));

                            Select selectStatus=new Select(statusSel);

                            selectStatus.selectByValue("0");

                            break;

                            }


                            else

                            {

                            Assert.fail("unable to find category");

                                   }

                     }

              }

       }


       public void checkForCategoryUpdate() throws InterruptedException

       {

              int rowsInCategory=selectReportTable.size();


              for(int i=1;i<=rowsInCategory;i++)

              {
                    WebElement
CateName=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"
]/td[2]"));



                    String CategoryName= CateName.getText();


                    if(CategoryName.equals("CategoryTest"))
                    {
                          WebElement
statusIncategory=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/
tr["+i+"]/td[5]"));
                          String statusOfCategory=statusIncategory.getText();
                          if(statusOfCategory.equals("Disabled"))
                          {
                                System.out.println("Category updated successfully");
                                break;


                          }
                          else
                          {
                                Assert.fail("Category not updated");
                          }
                    }


              }





        }
        public void DeleteUser() throws InterruptedException
        {
              int rowsInUsers=selectReportTable.size();
```

```
            System.out.println(rowsInUsers);


            String userNameinTable=null;

            String userNameAction=null;


            for(int i=1;i<=rowsInUsers;i++)

            {

                    WebElement
userName=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"
]/td[2]"));


                    userNameinTable= userName.getText();




                    if(userNameinTable.equals("TestDB"))

                    {

                            WebElement
userAction=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i
+"]/td[3]"));

                            userNameAction=userAction.getText();

                            if(userNameinTable.equals("TestDB") &&
userNameAction.equals("Enabled"))

                            {

        driver.findElement(By.xpath("(//span[@class='caret'])["+i+"]")).click();


        driver.findElement(By.xpath("(//*[text()='Delete'])["+(i-1)+"]")).click();

                                    Thread.sleep(2000);


                                    break;

                                    }

                                    else

                                    {

                                    Assert.fail("Unable to Delete user");
```

```
                                        }
                                }


                        }





                }


                public void DeleteUserfromPushNotifications() throws InterruptedException
                {
                        int rowsInUsers=selectReportTable.size();
                        System.out.println(rowsInUsers);


                        String NotifyName=null;


                        for(int i=1;i<=rowsInUsers;i++)
                        {
                                WebElement
notificationName=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/
tr["+i+"]/td[2]"));


                                NotifyName= notificationName.getText();




                                if(NotifyName.equals("DoNotDelete"))
                                {

                driver.findElement(By.xpath("(//span[@class='caret'])["+i+"]")).click();


                driver.findElement(By.xpath("(//*[text()='Delete'])["+i+"]")).click();
                                        Thread.sleep(2000);
                                break;
                                }
                                else
                                {
                                Assert.fail("Unable to Delete Push Notification");
                                }
                        }

                }
}
```

Database connection program

```
package com.ibm.utilities;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Assert;

public class DbConnectionUser {

      WebDriverWait wait;
      WebDriver driver;

      public DbConnectionUser(WebDriver driver, WebDriverWait wait)
```

```
	{
		PageFactory.initElements(driver, this);
		this.driver=driver;
		this.wait=wait;
	}

public int DbUserDelete() throws SQLException {

		//connection string - jdbc(odbc):server://host:port/db_name, username, 
password
		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");
		while(rs.next())
		{
			System.out.println(rs.getInt("banner_id"));
			System.out.print("\t"+rs.getString("name"));
		}*/



		ResultSet rs=s.executeQuery("SELECT counT(notification_id) from 
as_pushnotification");
		rs.next();
		int no=rs.getInt(1);
		return no;
}
}
```

Data.properties

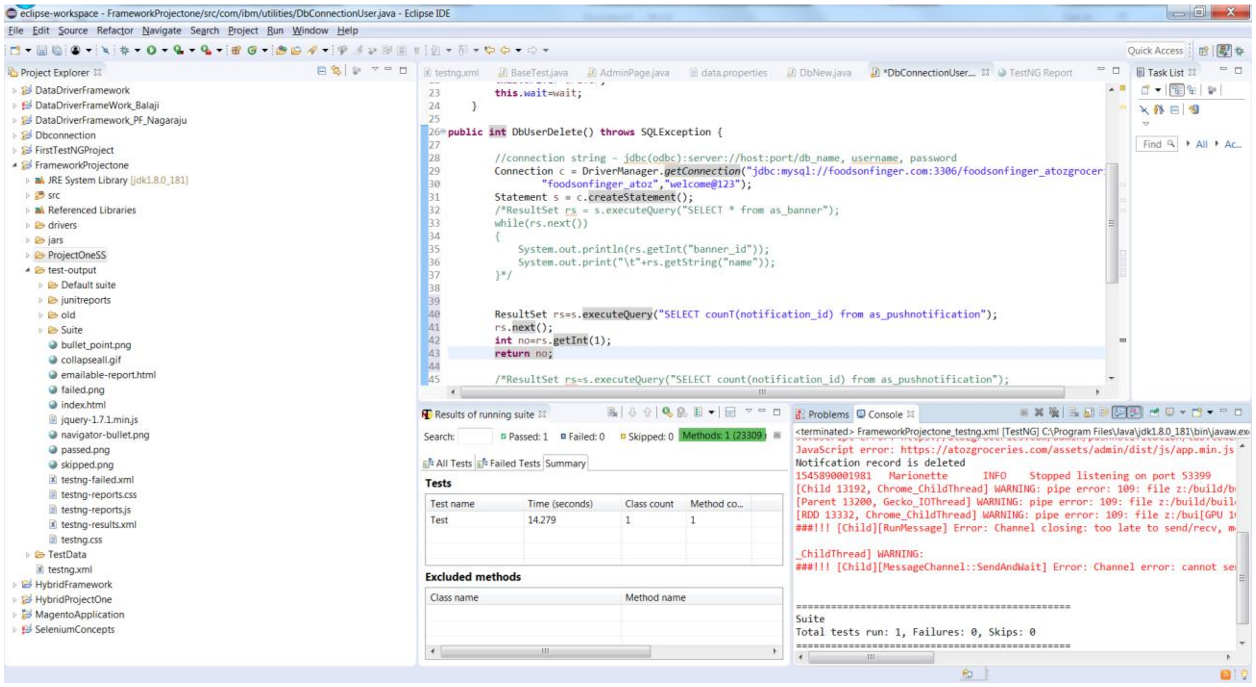
```
url=https://atozgroceries.com/admin
```

```
username=demo@atozgroceries.com
password=456789
bannertitle=Banner | Admin Panel - Powered By A&S
editStoreNameMsg=Success: You have successfully updated Store!
newStoreName=ZtoA groceries Store
```

TestNG xml file

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="Suite" parallel="tests">
	<test thread-count="5" name="Test">
		<classes>
			<class name="com.ibm.test.BaseTest">
			</class>
		</classes>
	</test> <!-- Test -->
</suite> <!-- Suite -->
```

Eclipse output screen shot..



```java
		this.wait=wait;
	}

public int DbUserDelete() throws SQLException {

		//connection string - jdbc(odbc):server://host:port/db_name, username, password
		Connection c = DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgrocer
				"foodsonfinger_atoz","welcome@123");
		Statement s = c.createStatement();
		/*ResultSet rs = s.executeQuery("SELECT * from as_banner");
		while(rs.next())
		{
			System.out.println(rs.getInt("banner_id"));
			System.out.print("\t"+rs.getString("name"));
		}*/


		ResultSet rs=s.executeQuery("SELECT counT(notification_id) from as_pushnotification");
		rs.next();
		int no=rs.getInt(1);
		return no;

		/*ResultSet rs=s.executeQuery("SELECT count(notification_id) from as_pushnotification");
```

Passed: 1 Failed: 0 Skipped: 0 Methods: 1 (23309

Tests

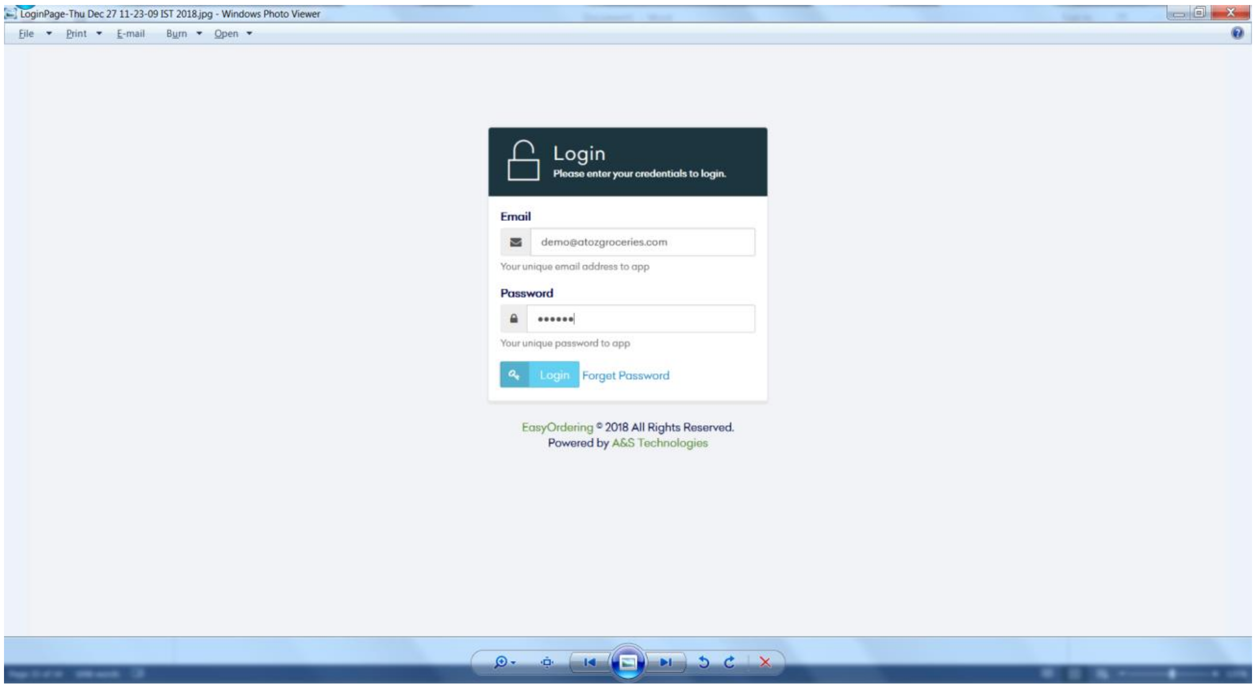
Test name	Time (seconds)	Class count	Method co...
Test	14.279	1	1

```
<terminated> FrameworkProjectone_testng.xml [TestNG] C:\Program Files\Java\jdk1.8.0_181\bin\javaw.ex
JavaScript error: https://atozgroceries.com/assets/admin/dist/js/app.min.js
Notifcation record is deleted
1545890001981	Marionette	INFO	Stopped listening on port 53399
[Child 13192, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/b
[Parent 13200, Gecko_IOThread] WARNING: pipe error: 109: file z:/build/buil
[RDD 13332, Chrome_ChildThread] WARNING: pipe error: 109: file z:/bui[GPU 1
###!!! [Child][RunMessage] Error: Channel closing: too late to send/recv, m

_ChildThread] WARNING:
###!!! [Child][MessageChannel::SendAndWait] Error: Channel error: cannot se


===============================================
Suite
Total tests run: 1, Failures: 0, Skips: 0
===============================================
```

Program executed successfully using xml file

Browser screen shots

Login screen



LoginPage-Thu Dec 27 11-23-09 IST 2018.jpg - Windows Photo Viewer

Login
Please enter your credentials to login.

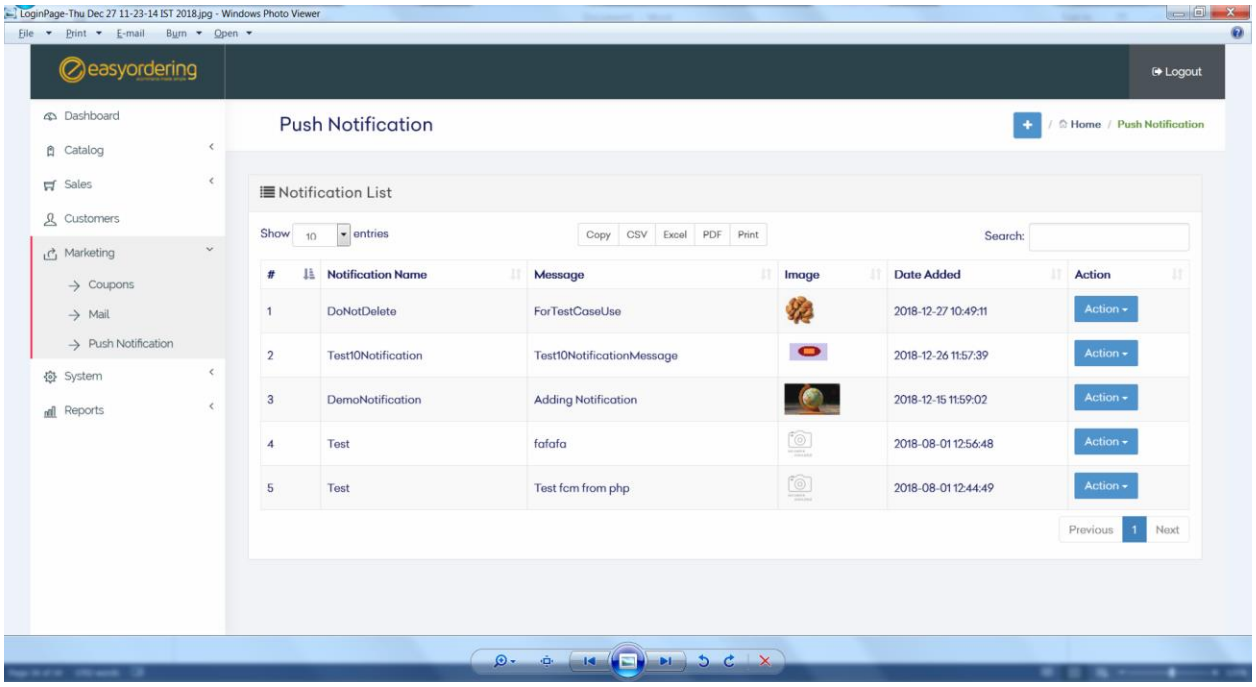
Email
demo@atozgroceries.com
Your unique email address to app

Password
••••••
Your unique password to app

Login Forget Password

EasyOrdering © 2018 All Rights Reserved.
Powered by A&S Technologies

PushNotification screen



LoginPage-Thu Dec 27 11-23-14 IST 2018.jpg - Windows Photo Viewer

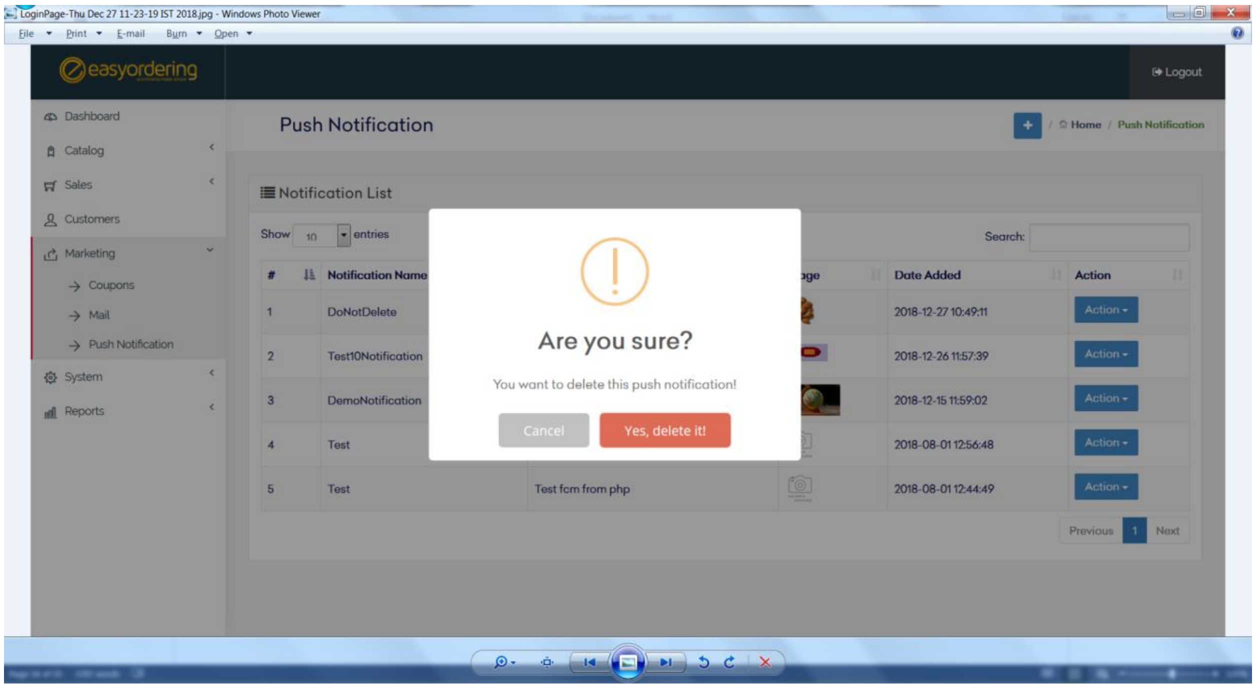
Push Notification

Notification List

Show 10 entries

#	Notification Name	Message	Image	Date Added	Action
1	DoNotDelete	ForTestCaseUse		2018-12-27 10:49:11	Action
2	Test10Notification	Test10NotificationMessage		2018-12-26 11:57:39	Action
3	DemoNotification	Adding Notification		2018-12-15 11:59:02	Action
4	Test	fafafa		2018-08-01 12:56:48	Action
5	Test	Test fcm from php		2018-08-01 12:44:49	Action

Delete DoNotDelete Notification from table


LoginPage-Thu Dec 27 11-23-19 IST 2018.jpg - Windows Photo Viewer

Push Notification

Notification List

Show 10 entries

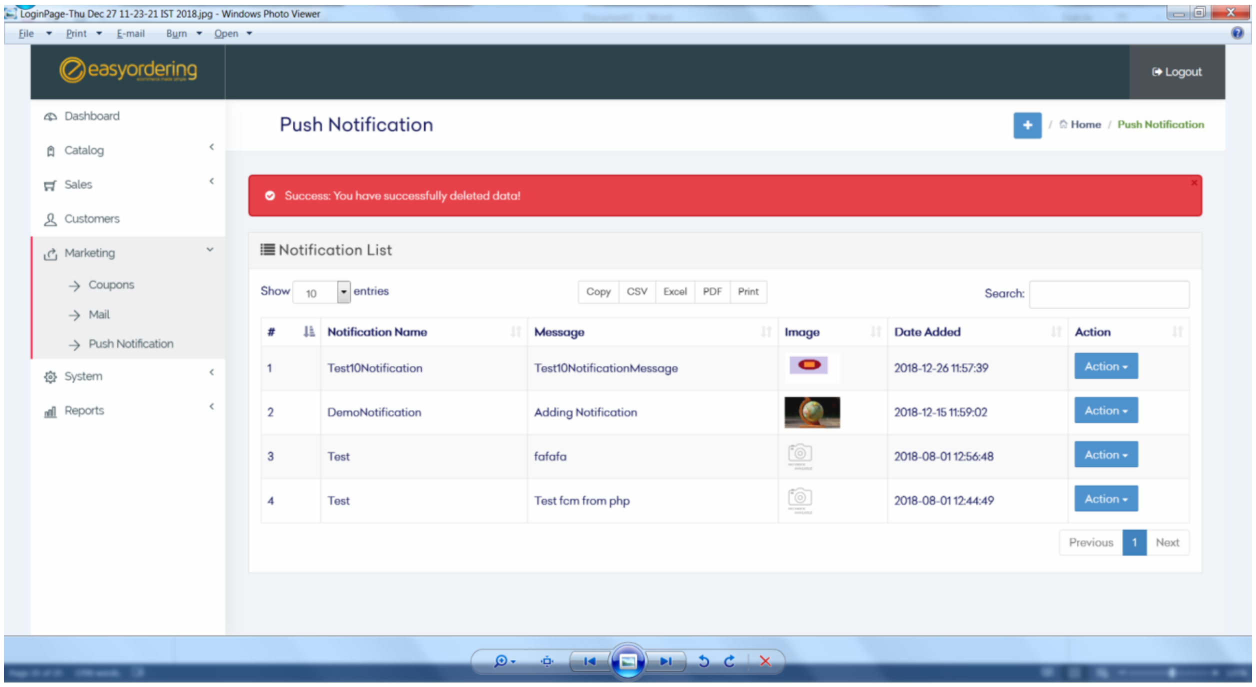
Search:

Are you sure?

You want to delete this push notification!

#	Notification Name	Message	Image	Date Added	Action
1	DoNotDelete			2018-12-27 10:49:11	Action
2	Test10Notification			2018-12-26 11:57:39	Action
3	DemoNotification			2018-12-15 11:59:02	Action
4	Test			2018-08-01 12:56:48	Action
5	Test	Test fcm from php		2018-08-01 12:44:49	Action

Confirm delete


LoginPage-Thu Dec 27 11-23-21 IST 2018.jpg - Windows Photo Viewer

Push Notification

Success: You have successfully deleted data!

Notification List

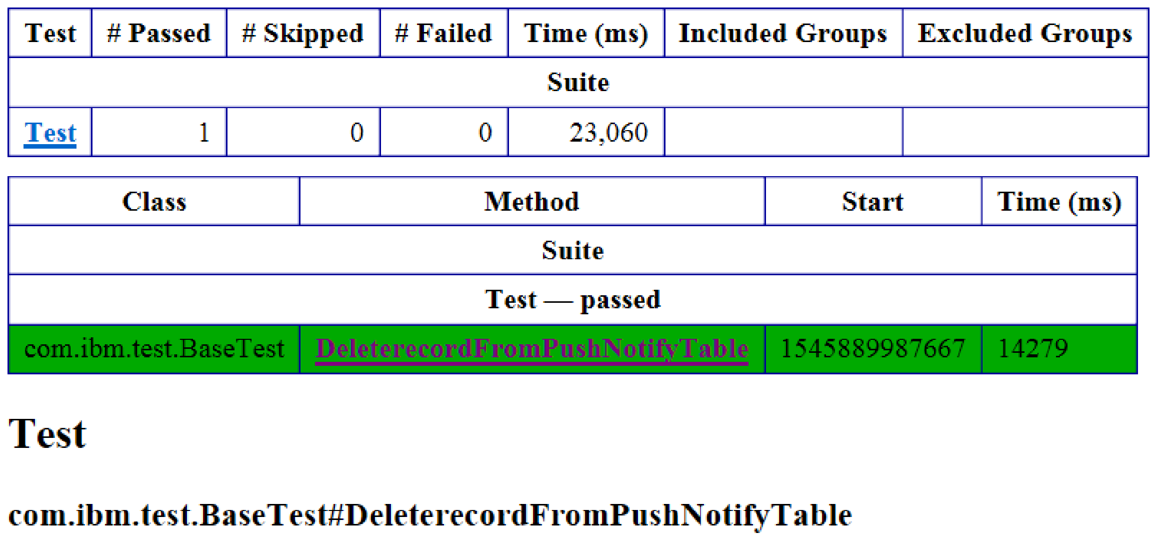
Show 10 entries

Search:

#	Notification Name	Message	Image	Date Added	Action
1	Test10Notification	Test10NotificationMessage		2018-12-26 11:57:39	Action
2	DemoNotification	Adding Notification		2018-12-15 11:59:02	Action
3	Test	fafafa		2018-08-01 12:56:48	Action
4	Test	Test fcm from php		2018-08-01 12:44:49	Action

Deleted record successfully

Emailable report



Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Suite						
Test	1	0	0	23,060		

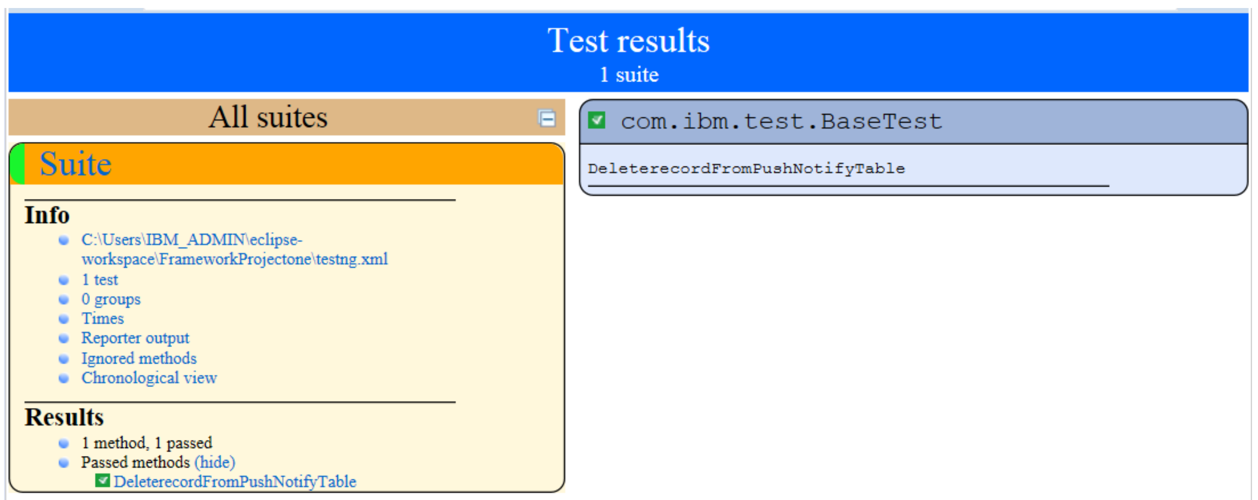
Class	Method	Start	Time (ms)
Suite			
Test — passed			
com.ibm.test.BaseTest	DeleterecordFromPushNotifyTable	1545889987667	14279

Test

com.ibm.test.BaseTest#DeleterecordFromPushNotifyTable

```
Test Case pass
```

```
Index.html table
```



Test results
1 suite

All suites

Suite

Info

- C:\Users\IBM_ADMIN\eclipse-workspace\FrameworkProjectone\testng.xml
- 1 test
- 0 groups
- Times
- Reporter output
- Ignored methods
- Chronological view

Results

- 1 method, 1 passed
- Passed methods (hide)
  - ✓ DeleterecordFromPushNotifyTable

✓ com.ibm.test.BaseTest

DeleterecordFromPushNotifyTable

```
Test Case passed
```