General use of framework

This selenium page object model by page factory, it is for object to automate testing bill tracker application for Dallas Capital Bank, it contains the basic to lunch the browser and open the online banking for DC Bank customers. Able to build over and finalize the automation of :

To add page classes and test classes:

Base page: contains common methods, wherever you need to use its methods, you need to extend the specific page to Base page.

It’s POM by page factory; to create an object for page class in test classes you have to use pageFactory class, so, you can initialize elements and make connection of webdriver. Exemple bellow:

LoginPage loginPage = PageFactory.*initElements*(driver, LoginPage.**class**);

Parallel execution: this framework can execute a parallel execution of many testcases in different browser at the same time. I have added chrome and Firefox browsers in proprieties file, and I am reading the properties file to lunch the browser using if and else if. If you want to run the test cases in just one browser, you have to comment out the browser you don’t want using #.

Excel file: if you need to add data to excel file to use it you need to open the excel file from properties, and go to directory open the file add data. to read it you need to create object of Excel Reader class, pass the path of excel file in the object. Read through ExcelReader using XSSFworkbook, sheet,row,cell classes for 2010 or laterversion of excel and HSSF instead of XSSF for 2007 and earlier version.

sql server, create object of DatabasePage class in desired class. I used JDBC driver and make a connection object, within that connection you will say what the server you are connecting to the data base, username, and password to allow connection. Once the connection is open, make statement object, within that statement object `you are going to create your resultSet object where you are passing your query and that result set is going to have the result from the query that you passed, and than you do while loop and as long as there is record in there, you are going to go head and able to retrieve those records by using column name from resultset object.

XML file; following the file example in framework, you can add as many as you want of data declared in form of <parameter name="userName" value="" />. Add test classes desired to use data to the file. In test class you pass those data as following exemple:

@Parameters({"userName", "password","pageValidationText"})

**public** **void** validUserShouldBeAbleToLogin(String userName, String password, String pageValidationText )