# Web Application Test Setup

# Introduction

This document tells us how to install the automation environment and run the use cases for the Test Web Application using Selenium/WebDriver and a testing library such as selenium-webdriver for JAVA.

# Objective

To show how to set up a Selenium testing environment locally and run tests with it.

# Pre-requisite

1. Java jdk version above 6 and set class path under Environment Variables
2. Eclipse
3. Selenium Lib, Web Driver
4. Chrome Browser

# Setting up Selenium in JAVA

1. You need to download the relevant drivers to allow WebDriver to control the browsers you want to test. You can find details of where to get them from on the selenium-webdriver page. Obviously, some of the browsers are OS-specific, but we're going to stick with Chrome, as they it is available across all the main OSes.
2. Download the latest ChromeDriver drivers. Unpack them into somewhere fairly easy to navigate to, like the root of your home user directory.
3. Add the chromedriver driver's location to your system PATH variable. This should be an absolute path from the root of your hard disk, to the directory containing the drivers.
4. Open Mobiquity\_Assignment folder -> Test2 in Eclipse
5. Make sure all your Java and Selenium libraries are added to the buildpath
6. Under src, select testapp.java file
7. Run testapp.java file. You should see an instance of Chrome opening automatically

Automation Test Steps:

1. **Chrome** will open in a new tab
2. Screen window will get **maximized**
3. **Login** Credentials will be entered and user will be logged into the application
4. From the list, first employee name will be **double clicked** and take us to his details page
5. On press of **BACK** key, home page will be displayed
6. **Create** button will selected to add new employee details
7. All entries will be added and takes back to the home page
8. First employee from the list will be selected to **update** the details
9. First name will be updated and takes back to home page.
10. Employee is selected followed by **Delete** button selection on Home page.
11. A popup appears. **Cancel** is selected
12. Employee is selected followed by Delete button selection on Home page.
13. A popup appears. **OK** is selected. Employee will be removed from the list
14. **Logout** button is selected. On successful logout, Login page will be displayed