# Day1

Hi Fellow Tester,

You are the Selenium automation engineer assigned to test the esteemed "Guru99 Bank" project.

Here is a link to the AUT - <http://www.demo.guru99.com/V4/>

The following test case needs to be automated -

The client has requested you to use WebDriver (Firefox Driver) for the project. Go ahead and record the script in Webdriver.

Notes:

* Refer this guide to [Install Webdriver](https://www.guru99.com/installing-selenium-webdriver.html)
* Refer this guide to [Create your First WebDriver Script](https://www.guru99.com/first-webdriver-script.html)
* Tomorrow you will get this test case prepared by our experts. Compare and determine improvement points. Don't send your code to us.

Steps to get access to Test Site

1.       Visit - <http://demo.guru99.com/>

2.       Enter your email id

3.       Login credentials is allocated to you and mailed at your id

4.       Login credentials are only valid for 20 days! So Hurry Up and quickly create your Selenium Test Cases

图片包含 表格

描述已自动生成

# Day 2

Hey there,

There is a major flaw in the test case we created. There is no verification step.The script is no-good if it cannot produce Pass & Fail Status. Go ahead and modify the script

But WAIT!

There is another major flaw. **The script is a rookie script & in not production ready**.

Here is how you can make the script production ready

1. The code to setup and launch WebDriver (Firefox) should be improved to include **Location   Firefox.exe    and a Firefox Profile must be created.**
2. The amount of time the driver should wait when searching for a GUI element should be specified
3. **The code to setup and launch Firefox should be created as a separate method.**
4. All script initialization parameters like Location of Firefox , Base URL, User Name , Password etc should be stored in separate file say Util.java.  This helps in easy maintenance of script

Go ahead and code the script.

PS = Here is the [link](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3_7MrF86j9FEjy9&b=4xXvNz3aZYLkGYMzTBNpHg) to download the Test Script for Day 1 created by our Experts

PPS = Refer this [guide](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3_7MrF86j9FEjy9&b=1qb2ACgi3hMKI0lheVJxBw) to learn the steps to import and run this script

图形用户界面, 文本, 应用程序

描述已自动生成

# Day 3

Hi Fellow Geek,

The client has enhanced the test scenario to include more test cases

One approach to automate this is to record separate script for all the above test cases. But this defeats the very purpose of automation.

The best technique to automate the above test suite  is to parametrize the script.

The most famous tool store data for parametrization is MS Excel.

Go ahead and create a script to read test-data from an Excel and execute Webdriver test cases.

PS: Here is the [link](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3wEpLPJ2T9FEjy9&b=NIpzTvQfnOXOwGCDRtpFWA) to download the Test Script for Day 2 created by our Experts

PPS: You may get an error when using the method, driver.close()  in FireFox. Use driver.quit() instead

表格

描述已自动生成

# Day 4

Hi,

The client is happy with the work you have been doing so far, but he is not happy with the Test Results generated. The test results are not user friendly.

He wants you to use **TestNg**which has better Test reporting format.

Go ahead and create the same script using TestNg.  Refer this guide to create your [first TestNg Script](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=415CC1uvT9FEjy9&b=KfMMbEYLBRfjbkf22SNObw)

Happy Testing

Team Guru99

**PS:** As you may have realized already, parametrization with Webdriver is not easy.

There is no internal support of tables in Selenium unlike [QTP](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=415CC1uvT9FEjy9&b=jis.S5jW6_oxEQfZsy6EQA)

Here is the [link](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=415CC1uvT9FEjy9&b=Ox4R06Ud.lGReL0AMQWq0w) to download Test Script for Day3 (WebDriver Parametrization) created by our Experts.

The script has loads of comments to help you easily understand the code. This is nothing but **Data Driven Framework**

# Day 5

Hey QA Ninja,

By now you must have realized that using Selenium is not easy. but , hey its free J

The client now wants you to make 2 changes

1. Instead of Excel he wants you to use Data Provider annotation of Testing
2. Post login , a message "Welcome <manager id> " is shown. The client wants you to validate this

But the text "Welcome <manager id> " is dynamic and will change from a userid to another. Time to do some pondering J Go ahead and code this

 Happy Coding

Team Guru99  
PS: Here is the [link](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=43.IQa62T9FEjy9&b=5T7Wnw6qcZEY5AhaYEkKNA) to download the Test Script for Day 4 created by our Experts.

图形用户界面

描述已自动生成

# Day 6

Hi Fellow Tester,

The client has made one more request. He needs screenshot of the output as below

Go ahead and make this change.

Good luck!

Team Guru99

PS: Here is the [link](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=43MWW._ID9FEjy9&b=REJnSi8aXYsixkIuiiPaaQ)to download the Test Script for Day 5 created by our Experts. Attached find the Testing script that can verify dynamic text like "Welcome <manager id>". The script is adequately commented to help you easily understand.

表格

描述已自动生成

# Day 7

Hi Fellow Geek,  
  
Here is the [link](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3z6HfQf2z9FEjy9&b=bO.lEOiINhYk9UM6j17.uQ) to download the Test Script for Day 6 created by our Experts

 Go ahead and check the entire [System Test Specs](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3z6HfQf2z9FEjy9&b=xtuM70hyPUCGhynxUbxaCA) that needs to be automated for the project. Do a automation feasibility analysis using this [checklist](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3z6HfQf2z9FEjy9&b=eKbsj0PF.53ZIvua3I4T1A). If required you can look in to the SRS document [here](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3z6HfQf2z9FEjy9&b=pi.n9nt7oVsqQVYhBq8skQ)

You can go ahead and create test scripts for the remaining test cases.

Our project is done now! Thanks to all the effort you put into test script

We would love to hear your feedback on our effort to give you an experience of a real time testing project. Do write to us!

Do checkout our [Live Selenium E commerce Project](https://clicks.aweber.com/y/ct/?l=9Vhmi&m=3z6HfQf2z9FEjy9&b=JURc4fu0i2C0gmy9lXnTzA)