NPHC

Test Suite - Setup Guideline

Version:

**Instructions for set up the Test suite**

Please follow the following step on your computer to setup the NPHC Testing framework.

1. Open the test suite on IntelliJ IDEA or Eclipse

Note: It will take some time to install the relevant jars from the maven repository

1. Then add the sikulixide-2.0.4.jar file manually.

Note: Download the jar file from http://sikulix.com/

1. Click on File Menu

Text

Description automatically generated

1. Click on project structure
2. Select Module

Graphical user interface, text

Description automatically generated

1. Click + icon and select the jar file
2. Select scope as Compile
3. Click Apply button
4. Click OK button

Now Test suite is ready for execution.

**Test Suite Structure**

* API Testing

1. The test scripts related to API testing is located under src/test/java/com/apiTests

A screenshot of a computer

Description automatically generated with medium confidence

1. API test cases can be run individually
2. Open the testcase class file (e.g. API\_insertPerson)
3. Right click and select Run option

Text

Description automatically generated

1. API test cases can be run as a batch
2. Right click on testing.xml file
3. Click Run option

Text

Description automatically generated

* Functional Testing

Test cases related to functional testing is located under ../features/

Graphical user interface, text, application, chat or text message

Description automatically generated

Note: Functional test cases are developed on BDD (Behaviour Driven Development) framework. Relevant feature files can be found on above directory.

**Test execution**

1. Open runner class ../src/test/java/testRunner
2. To run the feature file separately

Change the feature option like ".//features/TC003\_Governor.feature"

Text

Description automatically generated

1. To run all the feature files once

Change the feature option like ".//features/ "

Text

Description automatically generated

**Test Report**

Test Report – API testing

1. Go to ../testing/
2. Open index.html file on a browser

Graphical user interface, text, chat or text message

Description automatically generated

Test Report – Functional Testing

Note: Report for functional test exaction (Maven reports) is not included in current version.