Backup Assist Website Test Plan

Configuration

* OS
* Windows 7 32 bit
* Windows7 64 bit
* Windows 10 64bit
* Browser supported
* Mozilla Firefox: 45.0.1 with upgrade disabled (Higher version maybe will not function well)
* Google Chrome: 62.0.3202.94 (Official Build) (32-bit)
  + IE: IE 8 or higher
* Network
* Wired /Wireless connection to the website under test
* other   Settings:
* JRE 1.8
* Maven 3.5.2 ( https://maven.apache.org/download.cgi)

Test Coverage

* Senario1
  + Launch website under tested (<https://www.backupassist.com/reseller/eoi.php>)
  + Fill the customer information with a new user(all information are valid)
  + Select program type ( “Gold” for example), submit form
  + The web browser page should be to “Thank you for registered “page.
* Senario2
  + Launch website under tested (<https://www.backupassist.com/reseller/eoi.php>)
  + Fill the customer information with a existed user(all information are valid)
  + Select program type ( “Gold” for example), submit form
  + The web browser page should stay in the current page, and the page will display “you are already registered.
* Senario3
  + Launch website under tested (<https://www.backupassist.com/reseller/eoi.php>)
  + Fill the customer information with a existed user(all information are valid)
  + Select program type ( “Gold” for example), submit form
  + The web browser page should stay in the current page, and the page will display “The following fields are Invalid already registered.

Test Not Covered

* Firefox higher version test (driver incompatibility)
* Check each dialogs/elements/links on the GUI
* Use the user test data DB to dynamic input test data
* Check Browser process status before test started (e.g. multiple window opened or active)
* Not quite strict test the page response under invalid user,
* Check every input combination for users and programs

Test Tools

* A web automation framework based on Maven+Eclipse +TestNG+Selenium
* See the attachment AutomationTestToolUsage.doc for the tools usage. 

Test Result

* Result location:

The result should exist in the {your\_workspace}\ surefire-reports\ emailable-report.html

Note: {your\_workspace} is the project location for your automation project which was downloaded. Pls see the AutomationTestToolUsage.doc for detailed information.

* Findings:
  1. All the test passed under Firefox and Chrome
  2. There are errors when test “Gold” program, the page will always ask for user name even if the first name and last name have been filled in.

* Known Issue
  + Occasionally, Firefox web driver will not work well and need be restarted
  + Automation tools are not ready for all functions check. But it would be easily to add test suites and test cases since the framework is strong enough to support them