



MÄLARDALENS HÖGSKOLA

Link Analysis Tool

Test Report

Version 1.2

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| Link Analysis Tool | Version: 1.2 |
| Test Report | Date: 2010-12-19 |

Revision History

| Date | Version | Description | Author |
|------------|---------|--------------------|------------------------|
| 2010-12-16 | 1.0 | Initial Draft | Seyed Morteza Hosseini |
| 2010-12-18 | 1.1 | Enter test case | Seyed Morteza Hosseini |
| 2010-12-19 | 1.2 | Add some test case | Seyed Morteza Hosseini |
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Introduction

Purpose of this document

The purpose of this document is to register test results and inform intended audience which were performed according to the project Acceptance Test Plan document.

Document organization

The document is organized as follows:

- Section 1, *Introduction*, describes contents of this document.
- Section 2, *Test case results*, contains a table for each set of test cases

Intended Audience

This document is intended for:

- All team members.
- Project supervisor.
- Customer.

Scope

The scope of this document covers test results of test cases defined in the Acceptance Test Plan and results and testing using software testing tools.

Definitions and acronyms

Definitions

| Keyword | Definitions |
|------------------------|--|
| Side effect (clean up) | e.g when you create a user for testing create user ,after testing you have to delete that user actually you have to clean up the system and returns it to condition before test. |

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Acronyms and abbreviations

| Acronym or abbreviation | Definitions |
|-------------------------|-----------------------|
| SMH | Syed Morteza Hosseini |
| L | Login |
| TDT | Test Design Technique |
| Com | Compatible |
| IE | Internet Explorer |
| LSec | Login Security |

References

- Acceptance test plan

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Test case results

| | |
|------------------------|---|
| Test Group | <i>Login</i> |
| Test case ID | <i>LI.1</i> |
| Test case name | <i>AllLoginFieldsHaveValue</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Positive test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet</i> |
| Project version | |
| Assumption | <i>A browser has already installed on client. A proper internet connection exists. User with username and password has already created.</i> |
| Pre-condition | |
| Input Data(valid) | <i>a-z,A-Z,0-9</i> |
| Input Data(invalid) | <i>SPACE</i> |
| Expected Result | <i>User should be able to login.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>User could login.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>A valid user is going to login and fill username and password filed correctly.</i> |

Model, flow-chart, visual description (if any):

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| Test Group | <i>Login</i> |
| Test case ID | <i>L1.2</i> |
| Test case name | <i>AllLoginFieldsAreBlank</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet</i> |
| Project version | |
| Assumption | <i>A browser has already installed on client. A proper internet connection exists. User with empty username and password does not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>Space</i> |
| Input Data(invalid) | <i>a-z,A-Z,0-9</i> |
| Expected Result | <i>Username textbox should be active and both should be colourful and a proper message should alert to enter username and password.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>User could not login.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>Attempting to login without filling username and password filed.</i> |

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| Test Group | <i>Login</i> |
| Test case ID | <i>L1.3</i> |
| Test case name | <i>UsernameBlank</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet</i> |
| Project version | |
| Assumption | <i>A browser has already installed on client. A proper internet connection exists. User with empty username does not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>Space</i> |
| Input Data(Invalid) | <i>a-z,A-Z,0-9</i> |
| Expected Result | <i>Username textbox should be active and colourful and a proper message should alert to enter username or user with blank username dose not exist.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>User could not login.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>User is going to login just by filling password field without entering username.</i> |

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| Test Group | <i>Login</i> |
| Test case ID | <i>L1.4</i> |
| Test case name | <i>PasswordBlank</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet</i> |
| Project version | |
| Assumption | <i>A browser has already installed on client. A proper internet connection exists. User with empty password does not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>Space</i> |
| Input Data(Invalid) | <i>a-z,A-Z,0-9</i> |
| Expected Result | <i>Password textbox should be active and colourful and a proper message should alert to enter password.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>User could not login.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>User is going to login just by filling username field without entering password.</i> |

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| Test Group | <i>Login</i> |
| Test case ID | <i>L1.5</i> |
| Test case name | <i>InvalidUsername</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet</i> |
| Project version | |
| Assumption | <i>A browser has already installed on client. A proper internet connection exists. User with "TestUser" username does not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>"TestUser"</i> |
| Input Data(invalid) | <i>a-z,A-Z,0-9</i> |
| Expected Result | <i>Username textbox should be active and colourful and a proper message should alert that user with this username does not exist.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>User could not login.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>User is going to login with invalid username.</i> |

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| Test Group | <i>Login</i> |
| Test case ID | <i>L1.6</i> |
| Test case name | <i>InvalidPassword</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet</i> |
| Project version | |
| Assumption | <i>A browser has already installed on client. A proper internet connection exists. User with "Test" username and password "123" does not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>Test,123</i> |
| Input Data(invalid) | <i>Every character except "Test" for username and "123" for password</i> |
| Expected Result | <i>Password textbox should be active and colourful and a proper message should alert that password is not correct.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>User could not login.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>User is going to login with invalid password.</i> |

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| Test Group | <i>Compatible</i> |
| Test case ID | <i>Com1.1</i> |
| Test case name | <i>MainPageGoogleChromeCompatible</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Positive test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/Google chrome</i> |
| Project version | |
| Assumption | <i>Google chrome browser has already installed. A proper internet connection exists.</i> |
| Pre-condition | |
| Input Data(valid) | - |
| Input Data(invalid) | - |
| Expected Result | <i>Main page should be displayed.</i> |
| Side-effect (clean-up) | - |
| Actual results | <i>Main page displayed.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | - |
| Description | <i>Testing project is compatible with Google chrome browser.</i> |

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|------------------------|---|
| Test Group | <i>Compatible</i> |
| Test case ID | <i>Com1.2</i> |
| Test case name | <i>MainPageInternetExplorerCompatible</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Positive test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/IE</i> |
| Project version | |
| Assumption | <i>IE browser has already installed. A proper internet connection exists.</i> |
| Pre-condition | |
| Input Data(valid) | - |
| Input Data(invalid) | - |
| Expected Result | <i>Main page should be displayed.</i> |
| Side-effect (clean-up) | - |
| Actual results | <i>Main page displayed.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | - |
| Description | <i>Testing project is compatible with IE browser.</i> |

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| Test Group | <i>Compatible</i> |
| Test case ID | <i>Com1.3</i> |
| Test case name | <i>MainPageMozillaCompatible</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Positive test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/ Mozilla Firefox</i> |
| Project version | |
| Assumption | <i>Mozilla bowser has already installed. A proper internet connection exists.</i> |
| Pre-condition | |
| Input Data(valid) | - |
| Input Data(invalid) | - |
| Expected Result | <i>Main page should be displayed.</i> |
| Side-effect (clean-up) | - |
| Actual results | <i>Main page displayed.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | - |
| Description | <i>Testing main page is compatible with Mozilla Firefox browser.</i> |

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| Test Group | <i>Compatible</i> |
| Test case ID | <i>Com1.4</i> |
| Test case name | <i>Search By MSISDN Number Level One in Mozilla</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Positive test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/ Mozilla Firefox</i> |
| Project version | |
| Assumption | <i>Mozilla browser has already installed. A proper internet connection exists. A transaction with MSISDN number exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>505350507 for MSISDN number and 2010-09-15, 2010-09-16 for date</i> |
| Input Data(Invalid) | <i>Any number except 505350507 for MSISDN number and date should including at least one of these two dates 2010-09-15 or 2010-09-16</i> |
| Expected Result | <i>Graph should be displayed.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>Graph displayed.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>Testing project searching by MSISDN number on depth level one is compatible with Mozilla Firefox browser.</i> |

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| Test Group | <i>Compatible</i> |
| Test case ID | <i>Com1.5</i> |
| Test case name | <i>Search By MSISDN Number Level One in IE</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Positive test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/ IE</i> |
| Project version | |
| Assumption | <i>IE - browser has already installed. A proper internet connection exists. A transaction with MSISDN number 505350507 exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>505350507 for MSISDN number and 2010-09-15, 2010-09-16 for date</i> |
| Input Data(Invalid) | <i>Any number except 505350507 for MSISDN number and date should including at least one of these two dates 2010-09-15 or 2010-09-16</i> |
| Expected Result | <i>Graph should be displayed.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>Graph displayed.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>Testing project searching by MSISDN number on depth level one is compatible with IE browser.</i> |

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| Test Group | <i>Compatible</i> |
| Test case ID | <i>Com1.6</i> |
| Test case name | <i>Search By MSISDN Number Level One in Google chrome</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Positive test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/ Google chrome</i> |
| Project version | |
| Assumption | <i>Google chrome browser has already installed. A proper internet connection exists. A transaction with MSISDN number 505350507 exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>505350507 for MSISDN number and 2010-09-15, 2010-09-16 for date</i> |
| Input Data(Invalid) | <i>Any number except 505350507 for MSISDN number and date should including at least one of these two dates 2010-09-15 or 2010-09-16</i> |
| Expected Result | <i>Graph should be displayed.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>Graph displayed.</i> |
| Pass/Fail | <i>Pass</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>Testing project searching by MSISDN number on depth level one is compatible with Google chrome browser.</i> |

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| Test Group | <i>Login Security</i> |
| Test case ID | <i>LSec1.1</i> |
| Test case name | <i>NumberOfEffortLogin_IE</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/ IE</i> |
| Project version | |
| Assumption | <i>IE browser has already installed on client. Proper internet connection exists. User with "test" username and password dose not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>test</i> |
| Input Data(invalid) | <i>Any char except "test"</i> |
| Expected Result | <i>Username and password field should be colourful and proper message should alert that username and password are not correct , so a security image should be displayed and give a massage to user enter security code is showed in related place.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>Page just refreshed.</i> |
| Pass/Fail | <i>Fail</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>Enter wrong username or password 3 times.</i> |

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|------------------------|--|
| Test Group | <i>Login Security</i> |
| Test case ID | <i>LSec1.2</i> |
| Test case name | <i>NumberOfEffortLogin_Mozilla</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/ Mozilla</i> |
| Project version | |
| Assumption | <i>Mozilla browser has already installed on client. Proper internet connection exists. User with "test" username and password dose not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>Test</i> |
| Input Data(invalid) | <i>Any char except "test"</i> |
| Expected Result | <i>Username and password field should be colourful and proper message should alert that username and password are not correct , so a security image should be displayed and give a message to user enter security code is showed in related place.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>Page just refreshed.</i> |
| Pass/Fail | <i>Fail</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>Enter wrong username or password 3 times.</i> |

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| Test Group | <i>Login Security</i> |
| Test case ID | <i>LSec1.3</i> |
| Test case name | <i>NumberOfEffortLogin_Google chrome</i> |
| Version | <i>1.0</i> |
| TDT used | <i>Negative test case</i> |
| Automated(yes/no) | <i>No</i> |
| Test environment | <i>Internet/ Google chrome</i> |
| Project version | |
| Assumption | <i>Google chrome browser has already installed on client. Proper internet connection exists. User with "test" username and password dose not exist.</i> |
| Pre-condition | |
| Input Data(valid) | <i>Test</i> |
| Input Data(Invalid) | <i>Any char except "test"</i> |
| Expected Result | <i>Username and password field should be colourful and proper message should alert that username and password are not correct , so a security image should be displayed and give a message to user enter security code is showed in related place.</i> |
| Side-effect (clean-up) | <i>-</i> |
| Actual results | <i>Page just refreshed.</i> |
| Pass/Fail | <i>Fail</i> |
| Tester | <i>SMH</i> |
| Remark | <i>-</i> |
| Description | <i>Enter wrong username or password 3 times.</i> |

Below test case are done automatically with Selenium IDE and all recorded tests are in DSD page:

L1.1, L1.2, L1.3, L1.4, L1.5, L.16

Com1.3, Com1.4

Conclusion