

TestTaskIssueJIRA

TEST PLAN

Version 0.1

14.10.2015

TABLE OF CONTENTS

REVISION HISTORY

1. PURPOSE OF THE TEST PLAN DOCUMENT

2. USED APPLICATION AND PRODUCTS

3. VOLUME TESTING

4. PROJECT IDENTIFICATION

4.1. TEST STRATEGY

4.2. RESOURCES

4.3. PROJECT PLAN

5. TRACEABILITY MATRIX

6. TEST CASES

- **TC_1. CREATE NEW ISSUE.**
- **TC_2. UPDATE EXISTING ISSUE.**
- **TC_3. FIND EXISTING ISSUES VIA JIRA'S SEARCH.**

REVISION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date
0.1	<i>medinskiyd</i>	<i>13.10.2015</i>	Maksim Sergeev	<i>15.10.2015</i>

1. PURPOSE OF THE TEST PLAN DOCUMENT

The test plan of the system is used to coordinate the activities of the project participants in terms of quality control. The test plan is implemented for testing 3 functions of the site - <https://jira.atlassian.com>. The document is designed to assess the quality of the product and assess the quality of execution of the test tasks.

2. USED APPLICATION AND PRODUCTS

- Eclipse 4.5.1;
- Mozilla Firefox 41.0.1;
- Google Chrome 45.0.2454.101m;
- Selenium WebDriver 2.48.2;
- Selenium IDE 2.9.0.

3. VOLUME TESTING

- Functional testing of website.
- Create traceability matrix.
- Create three Test case:
 - Create testing problems.
 - Testing the upgrade problem.
 - Testing of existing search problems.

4. PROJECT IDENTIFICATION

Document (and version / date)	Created or Available	Received or Reviewed	Author or Resource
Functional Specification	Yes	Yes	medinskiyd

4.1. TEST STRATEGY

Testing functions are performed using automated JUnit tests. Implemented step-by-step implementation of the requirements, uses a bunch of Java + Selenium WebDriver program written in the Eclipse environment. The successful implementation of the full tests ensures that the test functions. To run tests use the browser Google Chrome.

4.2. RESOURCES

Human Resources		
Worker	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Tester (Test Designer)	1	Identifies, prioritizes, and implements test cases, executes the tests. <ul style="list-style-type: none"> Responsibilities: generate test plan generate test model evaluate effectiveness of test effort execute tests log results recover from errors document change requests

System Resources	
Resource	Name / Type
Tester Test PC	Notebook Celeron 1.1GHz(2 core)/4Gb/500Gb

4.3. PROJECT PLAN

Below are the test-related tasks:

- Plan Test
 - identify requirements for test
 - develop test strategy
 - identify test resources
 - create schedule

- generate Test Plan
- Design Test
 - prepare workload analysis
 - identify and describe test cases
- Implement Test
 - record and program automated tests
 - establish external data sets
- Execute Test
 - execute Test procedures
 - evaluate execution of Test
 - recover from halted Test
 - verify the results
 - investigate unexpected results
 - log defects
- Evaluate Test
 - evaluate Test-case coverage
 - evaluate code coverage
 - analyze defects

5. TRACEABILITY MATRIX

	Functional requirments			
Test cases		FR-1	FR-2	FR-3
	TC-1	X		
	TC-2		X	
	TC-3			X

- **Functional requirments:**
 - FR_1. New issues can be created.
 - FR_2. Existing issues can be updated.
 - FR_3. Existing issues can be found via JIRA's search.
- **Test Cases:**
 - TC_1. Create new issue.
 - TC_2. Update existing issue.
 - TC_3. Find existing issues via JIRA's search.

6. TEST CASES

TC_1. CREATE NEW ISSUE.

Test Case Attribute	Description
Test Number	TC-1
Test Name	TestIssueCreation
Test Priority	P1 (High)
Test Type	Nominal case
System / Sub - system	Java + Selenium WebDriver
Requirement ID	FR-1
Test Purpose	Create new issue.
Expected Result	1.The website https://jira.atlassian.com is opened.
	2.Login with username - medinskiyd@gmail.com and password - 12345677.
	3.The button "Create" is pressed.
	4.The Create issue window opened and insert "New issue".
	5."New issue" created.
	6.In the window there is the name issue "New issue".
	7.A new issue is created.
Actions	1.The website https://jira.atlassian.com open.
	2.Login with username - medinskiyd@gmail.com and password - 12345677.
	3.In the top of the home window click "Create".
	4.In the appeared window "Create issue" in cell Summary insert text "New issue".
	5.In the lower right of the window click button "Create".
	6.In the open little window there is the name issue "New issue".
	7.A new issue is created.
Test Result	A new issue is created.

TC_2. UPDATE EXISTING ISSUE.

Test Case Attribute	Description
Test Number	TC-2
Test Name	TestIssueUpdate
Test Priority	P1 (High)
Test Type	Nominal case
System / Sub - system	Java + Selenium WebDriver
Requirement ID	FR-2
Test Purpose	Update issue.
Expected Result	1.The website https://jira.atlassian.com is opened.
	2.Login with username - medinskiyd@gmail.com and password - 12345677.
	3.The button "Issues" is pressed.
	4.In the popup list, select the first issue.
	5.The "Edit" button is pressed.
	6.In the "Description" entered "Update issue!".
	7.The "Update" button is pressed.
	8.In the "Description" text is present.
	9.Issue updated.
Actions	1.The website https://jira.atlassian.com open.
	2.Login with username - medinskiyd@gmail.com and password - 12345677.
	3.In the top of the window click on "Issues".
	4.In the popup list in the "Recent issue" click on the first issue.
	5.In the opened window click on "Edit".
	6.In the opened window, under the box "Description",insert text "Update issue!".
	7.In the lower right of the window click "Update".
	8.Find the text "Update issue" in the "Description".
	9.Issue updated.
Test Result	Issue updated.

TC_3. FIND EXISTING ISSUES VIA JIRA'S SEARCH.

Test Case Attribute	Description
Test Number	TC-3
Test Name	TestIssueFind
Test Priority	P3 (High)
Test Type	Nominal case
System / Sub - system	Java + Selenium WebDriver
Requirement ID	FR-3
Test Purpose	Find issue.
Expected Result	1.The website https://jira.atlassian.com is opened.
	2.Login with username - medinskiyd@gmail.com and password - 12345677.
	3.The button "Issues" is pressed.
	4.The button "Reported by Me" is pressed.
	5.In cell "Containce text" inserted text "New issue".
	6.Button "Search for issues" is pressed.
	7.Summary of element in the list is "New issue".
	8.The existing issue is found.
Actions	1.The website https://jira.atlassian.com open.
	2.Login with username - medinskiyd@gmail.com and password - 12345677.
	3.In the top of the window click on "Issues".
	4.In the popup list in the "Filters" tab click on "Reported by Me".
	5.In the window that appears in cell "Containce text" insert text "New issue".
	6.Click on the "Search for issues" with a picture of a magnifying glass.
	7.In the list that appears, select the first item and make sure that "Summary" is equal to "New issue".
	8.The existing issue is found.
Test Result	The existing issue is found.