



Test Plan Execution Report

Test Project: Mr Buggy ver. 7

Test Plan: Test plan - Mr Buggy ver. 7

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1. Introduction

This document contains the test plan for the Mr Buggy 7 application.

The application is created to manage change requests for users in orders. For the purposes of this test plan, the abbreviation CR was used for the "change request" expression.

The tests will focus on verifying the functionality of the application from the level of a user with 'Employee' type permissions and testing the REST API.

The purpose of the tests is to find as many errors as possible in the areas mentioned above in relation to the documentation.

2. Subject of the tests

The subject of the tests is the Mr Buggy 7 application. The following features will be tested:

- Verify the application functionality available to a user with 'Employee' type permissions.
- REST API

Excluded from testing:

- Language versions of application
- Security tests
- White box tests

Tests will be performed on the basis of the provided documentation - 'MrBuggy 7 – functional specification'

3. Features to test

Features for the 'employee' user

- Logging in/out of the application
- Password change
- Creating new CR
- Editing CR
- Searching CR

- Adding comments to existing CR
- Modifying values of given CR in "New" or "Approved" status
- Visibility verification of existing 'CR' in To clarify" status
- Possibility to change given CR to "Clarified" status
- Possibility to change given CR to "Rejected" status
- Deleting CR

REST API:

- Downloading all CR
- Downloading a specific CR
- Downloading history of specific CR
- Downloading comments of specific CR
- Overwrite existing CR
- Adding new CR
- Deleting CR

The test designed in Postman will check:

- Status
- Headers
- Body
- Time

from, server responds.

4. Passing criteria for tests

Test results are compatible with documentation.

For REST API test, pass status in all written tests (Postman).

5. Approach

Due to the lack of source code, black-box tests will be used.

The scope of testing includes functional and non-functional testing.

Tests will be performed for two levels of application UI and REST API.

The application is in a production environment, therefore dynamic testing will be applied.

6. Testing environment

- Windows 8 operating system or higher
- Internet connection

7. Conditions of starting/ending tests

Starting conditions:

- Downloaded Mr Buggy 7 application and created an account with 'Employee' permissions
- Installed and configured Postman
- Writing and validating all test cases on the TestLink platform
- Accepted test plan

Ending conditions:

- Execution of all test cases
- Execution of all REST API tests
- Fixed all critical bugs
- Expiration of the deadline for tests

8. Test schedule

01.11.2022r - Familiarization with the documentation

02-10.11.2022r - Perform user function tests

12-16.11.2022r - Perform REST API tests

17-20.11.2022r - Bug fix and perform regression tests

21-23.11.2022r - Test report

9. Test report

The following reports will be generated to summarize the tests performed:

- TestLink report
- Postman collection

In order to make test report public, there will be created a GitHub repository.

10. Bugs management

Any detected error will be report on JIRA platform considering:

- ID number
- Status
- Title
- Description
- Preconditions
- Bug reproductions steps
- Expected result
- Actual result
- Date of realization
- Priority
- Severity
- Assigned developer
- Assigned tester
- Environment
- Attachments

A report of each error will be exported from JIRA and attached to the test case on TestLink platform.

11. Roles and responsibilities

Robert Szulc - Test plan establish

Robert Szulc - Test cases design

Robert Szulc - Test case execution

Robert Szulc - Bug reports

Robert Szulc - Generate reports

12. Test plan confirmation

The plan was approved by - Robert Szulc

Test Suite : Verify functionality of applications available to Employee user

Test Suite : Test scenario Nr 1 Employee user profile functionalities

Test Case BUGGY-1: Log in / out of the application [Version : 1]			
<u>Summary:</u>			
Verify the ability to log in and log out of the application using a "Employee" account.			
#:	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Open Mr Buggy 7 application	The application opens. The welcome screen appears.	Passed
2	Fill in the "Username" and "Password" fields with the correct data. Then click the "Login" button	Logging into the application, the default user view - "Dashboard" - appears.	Passed
3	Click on the "Log out" button in the upper right corner of the application	Logging out of the application, the welcome screen appears.	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	2.00		
<u>Priority:</u>	High		
<u>Relations</u>	depends on - BUGGY-2:Edit profile - Change password [Version :1]depends on - BUGGY-3:Creating a new CR [Version :1]		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Passed		
<u>Execution Mode:</u>	Manual		
<u>Execution duration (min):</u>	5.00		

Test Case BUGGY-2: Edit profile - Change password [Version : 1]			
<u>Summary:</u>			
Password change by user			
#:	Step actions:	Expected Results:	Execution Status:
1	Open Mr Buggy 7 application	The application opens. The welcome screen appears.	Passed
2	Fill in the "Username" and "Password" fields with the correct data. Then click the "Login" button	Logging into the application, the default user view - "Dashboard" - appears.	Passed
3	Click on the username in the top right section of the application	Profile data window appears. Displayed data:	Passed

		- Username - First name - Last name - Email - Phone number - Unit	
4	Click on the "Edit" button	"Update profile" window appears.	Passed
5	Enter a new password in the "Password" field	New password appears in "Password" field.	Passed
6	Enter new password again in the "Confirm password" field	New password appears in "Confirm password" field.	Passed
7	Confirm changes by clicking on the "Save" button	The new password has been updated.	Passed
8	Click on the "Log out" button in the upper right corner of the application	Logging out of the application, the welcome screen appears.	Passed
9	Log in to the application using the new password by filling in the "Username" and "Password" fields with the correct data	Logging into the application, the default user view "Dasboard" appears.	Passed
<u>Execution type:</u>		Manual	
<u>Estimated exec. duration (min):</u>		2.00	
<u>Priority:</u>		Medium	
<u>Relations</u>		depends on - BUGGY-1:Log in / out of the application [Version :1]	
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Passed		
<u>Execution Mode:</u>	Manual		
<u>Execution duration (min):</u>			

Test Suite : Test scenario Nr 2 Functions for CR

Test Case BUGGY-3: Creating a new CR [Version : 1]			
<u>Summary:</u>			
Creating a new CR in the application			
#:	Step actions:	Expected Results:	Execution Status:
1	Click on the "Crs" button in the top section of the application.	CR order list appears.	Passed
2	Click on the "New CR" button.	New CR window appears.	Passed
3	Fill in the fields in the form with: <ul style="list-style-type: none"> - Number = 2 - Name = Test1 - Business case = Testowy - Description of change = Testy - Financial sources = Testy - Related production errors = Test - Provider = Test 	Form fields: <ul style="list-style-type: none"> - Number - Name - Business case - Description of change - Financial sources - Related production errors - Provider are filled with according to the data entered.	Passed
4	Save the new CR by clicking on the "Save" button.	The new CR is saved. The application automatically goes to the list of current CRs.	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	4.00		
<u>Priority:</u>	High		
<u>Relations</u>	depends on - BUGGY-1:Log in / out of the application [Version :1]depends on - BUGGY-4:Editing created CR [Version :1]is related to - BUGGY-6:Adding a comment to an existing CR [Version :1]is related to - BUGGY-7:Modification of a given CR in the "New"		

	status [Version :2]is related to - BUGGY-8:Modification of a given CR in "Approved" status [Version :1]is related to - BUGGY-9:Verify CR visibility in "To clarify" status [Version :1]is related to - BUGGY-10:Ability to change the status of a given CR to "Clarified" [Version :1]depends on - BUGGY-12:Ability to change the status of a given CR to "Rejected" [Version :1]	
Execution Details		
Build	Ver 0.1	
Tester	Robert Szulc	
<u>Execution Result:</u>	Passed	
<u>Execution Mode:</u>	Manual	
<u>Execution duration (min):</u>	4.00	

Test Case BUGGY-4: Editing created CR [Version : 1]			
<u>Summary:</u>			
Editing an existing CR			
<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Click on the "Crs" button in the top section of the application.	CR order list appears.	Passed
2	Click on the "Edit" button in the "Actions" column.	Edit CR window appears.	Passed
3	Change the number of a given CR by filling the "Number" field with the number 2.	The value in the "Number" field has been changed.	Passed
4	Click on the 'Save' button.	The number change is saved, the changes are visible in the CR list.	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	4.00		
<u>Priority:</u>	Medium		
<u>Relations</u>	depends on - BUGGY-3:Creating a new CR [Version :1]		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Passed		
<u>Execution Mode:</u>	Manual		
<u>Execution duration (min):</u>	5.00		

Test Case BUGGY-5: Searching for a given CR [Version : 1]			
<u>Summary:</u>			
Verification of order search engine 'CR'			
<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Click on the "Crs" button in the top section	List of CR appears.	Passed

	of the application.		
2	Fill in the search field with the value "2".	Cr with number 2 is appeared on the list.	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	2.00		
<u>Priority:</u>	High		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Passed		
<u>Execution Mode:</u>	Manual		
<u>Execution duration (min):</u>	2.00		

Test Case BUGGY-6: Adding a comment to an existing CR [Version : 1]			
<u>Summary:</u>			
Verification of the ability to add a comment to an existing CR			
<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Click on the "Crs" button in the top section of the application.	List of CR appears.	Passed
2	Click on the name of the particular 'CR'.	Edit CR window appears.	Passed
3	Fill in the "comments" field with the "test comment" value.	The value in the "comments" field has been changed to "testowy komentarz".	Passed
4	Click the "Send" button.	The comment is saved. Numbers of comments = 1	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	3.00		
<u>Priority:</u>	Medium		
<u>Relations</u>	is related to - BUGGY-3:Creating a new CR [Version :1]		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Passed		
<u>Execution Mode:</u>	Manual		
<u>Execution duration (min):</u>	12.00		

Test Case BUGGY-7: Modification of a given CR in the "New" status [Version : 2]
<u>Summary:</u>
Verifying that CR in "New" status will automatically return to "Draft" status under modification.

#:	Step actions:	Expected Results:	Execution Status:
1	Click on the "Crs" button in the top section of the application.	CR order list appears.	Passed
2	Click on the "Edit" button in the "Actions" column.	Edit CR window appears.	Passed
3	Change the name of the given CR by filling the "Name" field with the value: "test2".	The value in the "Name" field has been changed.	Passed
4	Click on the 'Save' button.	The name change is saved, the CR status automatically changes to "Draft". The changes are visible in the CR list.	Passed
Execution type:	Manual		
Estimated exec. duration (min):	4.00		
Priority:	Medium		
Relations	is related to - BUGGY-3:Creating a new CR [Version :1]		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
Execution Result:	Passed		
Execution Mode:	Manual		
Execution duration (min):	6.00		

Test Case BUGGY-8: Modification of a given CR in "Approved" status [Version : 1]			
<u>Summary:</u>			
Verifying that CR in "Approved" status will automatically return to "Draft" status after modification.			
<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Click on the "Crs" button in the top section of the application.	CR order list appears.	Passed
2	Click on the "Edit" button in the "Actions" column.	Edit CR window appears.	Passed
3	Rename the given order 'CR' by filling the 'Name' field with the value: "test2".	The value in the "Name" field has been changed.	Passed
4	Click on the 'Save' button.	The name change is saved, the CR status automatically changes to "New". The changes are visible in the CR list.	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	4.00		
<u>Priority:</u>	Medium		
<u>Relations</u>	is related to - BUGGY-3:Creating a new CR [Version :1]		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		

<u>Execution Result:</u>	Passed
<u>Execution Mode:</u>	Manual
<u>Execution duration (min):</u>	6.00

Test Case BUGGY-9: Verify CR visibility in "To clarify" status [Version : 1]

Summary:

Verifying visibility of 'CR' in 'To clarify' status in 'CR' order list view

<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Click on the "Crs" button in the top section of the application.	CR order list appears. In the list of orders there is a CR with data: Number: "2" Name: "test2" Provider: "Provaider1" Status: "To clarify" Number of comments: "1" Actions: No editable button.	Passed

<u>Execution type:</u>	Manual
<u>Estimated exec. duration (min):</u>	3.00
<u>Priority:</u>	High
<u>Relations</u>	is related to - BUGGY-3:Creating a new CR [Version :1]
Execution Details	
Build	Ver 0.1
Tester	Robert Szulc
<u>Execution Result:</u>	Passed
<u>Execution Mode:</u>	Manual
<u>Execution duration (min):</u>	1.00

Test Case BUGGY-10: Ability to change the status of a given CR to "Clarified" [Version : 1]

Summary:

Checking ability to change the status of a given CR to "Clarified" after adding a comment

<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Click on the "Crs" button in the top section of the application.	CR order list appears.	Passed
2	Click on the "Edit" button in the	Edit CR window appears.	Passed

	"Actions" column.		
3	Fill in the "comments" field with the value "test comment2".	The value in the "comment" field has been changed.	Passed
4	Click the "Send" button.	The comment is saved. Value "Numbers of comments" = 2	Passed
5	Click on the "Clarified" button in the "Actions" column.	The CR status is changed to "Clarified".	Failed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	4.00		
<u>Priority:</u>	Medium		
<u>Relations</u>	is related to - BUGGY-3:Creating a new CR [Version :1]		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Failed		
<u>Execution Mode:</u>	Manual		
<u>Execution duration (min):</u>			

Test Case BUGGY-12: Ability to change the status of a given CR to "Rejected" [Version : 1]			
<u>Summary:</u>			
Checking ability to change the status of a given CR to "Rejected" after adding a comment			
#:	Step actions:	Expected Results:	Execution Status:
1	Click on the "Crs" button in the top section of the application.	CR order list appears.	Passed
2	Click on the "Edit" button in the "Actions" column.	Edit CR window appears.	Passed
3	Fill in the "comments" field with the value "test comment3".	The value in the "comment" field has been changed.	Passed
4	Click the "Send" button.	The comment is saved. Value "Numbers of comments" = 3	Passed
5	Click on the "Rejected" button in the "Actions" column.	The CR status is changed to "Rejected".	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	4.00		
<u>Priority:</u>	Medium		
<u>Relations</u>	depends on - BUGGY-3:Creating a new CR [Version :1]		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Passed		
Execution Mode:	Manual		

<u>Execution duration (min):</u>	8.00
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Test Case BUGGY-11: Deleting CR [Version : 1]			
<u>Summary:</u>			
Verifying ability to remove CR in draft status.			
<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>	<u>Execution Status:</u>
1	Click on the "Crs" button in the top section of the application.	CR order list appears.	Passed
2	Click on the "Delete" button next to the given 'CR' in the "Actions" column.	The given CR is deleted from the list, automatic update of the list.	Passed
<u>Execution type:</u>	Manual		
<u>Estimated exec. duration (min):</u>	2.00		
<u>Priority:</u>	Medium		
Execution Details			
Build	Ver 0.1		
Tester	Robert Szulc		
<u>Execution Result:</u>	Passed		
<u>Execution Mode:</u>	Manual		
<u>Execution duration (min):</u>	2.00		