

TEST PLAN

Mr Buggy 7

Version 1.0

Date	Version	Change log
13.02.2022	1.0	The document has been created

Created by: Kacper Woś

Content page

1. Introduction	3
2. Test scope	3
2.1 In scope	3
2.2 Out of scope	3
3. Testing Subject	3
4. List of requirments	4
5. Test environment	4
6. Test schedule	4
7. Test results	5
8. List of tools.....	5
9. Incident management	5
10. Summary	5

1. INTRODUCTION

The purpose of testing MrBuggy7 is to provide stakeholders information about the quality of product. This document shows all necessary information about testing process. Testing support tools, type of testing was detailed.

The goal of Mr Buggy7 application is to efficiently manage Change Requests for multiple Providers.

2. TEST SCOPE

2.1 In scope

Functionality available for users, mentioned in 3. *Testing Subject*, are in scope. For this project operations on user Employee, Admin and Provider are allowed. Project will execute:

- Smoke testing
- Functional testing
- Integration testing

2.2 Out of scope

All operations relevant with content, performance, viusal bugs are out of scope.

For this project, below testing type will not be executed

- API testing - There will not be executed API testing due to insufficient budget for this project.

3. TESTING SUBJECT

Components that will be tested are divided between Employee, Admin and Provider user.

The following table indicates the areas included in the functionality being tested.

Module	Description
Creation account	User needs to create admin account to start using app. Admin is able to create employee, provider account.
Creation of first admin account	To log in to the app, user need to create first admin account.
Log in	User needs to log in to be able to open the app.
Log out	Log out button should allow user to log off from them app.
Modification of account data	User can edit profile (username, password).
Creation of CR	User can create Change Request.
CR browsing	User can view all CR's in all states
Comment section in CR	User can add public and private comment to all visible CR's.
Modification of CR	Modification of CRs status ("Draft", "New", "Approved", "To clarify", "Rejected").
Delete CR	User can delete CR in state Draft.

4. LIST OF REQUIREMENTS

Functionalities available for user:

Logged in Employees:

- Change password
- Log out
- Edit profile
- Creation of new CR (1). New CR is created in state: Draft. Employees can modify it and save changes as long as it is not marked as ready. After marked as ready status of CR is changed to New.
- End CR edition (2) – CR is moved into read only mode.
- CR browsing – Employees can view only their own CRs in all states except Archived.
- Adding public comments to all visible CRs (public comment means, that it is visible to all users).
- Modification of CRs: o CRs in state New (3) and Approved (4) will return automatically to state Draft. o CRs in other states cannot be modified.
- Viewing CRs in state To clarify and: o After adding mandatory public comment Employees may process it to state Clarified (8) or Rejected (9).
- Deleting CRs in state Draft.

5. TEST ENVIRONMENT

- Windows 10 Home 64 bit

6. TEST SCHEDULE

Tests will be executed from 13.02.2023 - 24.02.2023, divided between two iterations.

Below table shows detailed testing plan with modules, date, priority, hours how long testing will last and person responsible for testing functionality. Priority is set to scale 1 to 5, where 1 means low priority and 5 means high/critical priority. Data and hours of testing include writing test scenarios and cases.

Module	Priority	Date	Hours	Person
Creation first admin account	5	13.02.2022	8	K.Woś
Creation account	5	14.02.2022	8	Tester A
Log in	5	15.02.2022	2	Tester A
Log out	5	15.02.2022	2	Tester A
Creation of CR	5	15-16.02.2022	6	K.Woś
Modification of CR	4	16-17.02.2022	10	K.Woś
Modification of account data	3	20-21.02.2022	16	Tester A
CR browsing	3	20-22.02.2022	24	K.Woś
Delete CR	3	23-24.02.2022	16	K.Woś
Comment section in CR	2	22-24.02.2022	24	Tester A

7. TEST RESULTS

As the result of testing, all written test cases will be accomplished with information of correct execution or bug occurred. All bugs will be reported in Jira with information about severity. Test result will be grouped and detailed in summary report, covering all phases and activities.

The report will be made available electronically.

8. LIST OF TOOLS

1. Testlink
2. Jira
3. PicPick
4. ScreenCast-O-matic

9. INCIDENT MANAGEMENT

In testing process, all detected bugs will be correctly reported to the Jira. Bug report contains information about:

- assigned developer,
- bug reporting person,
- description with detailed information where and when bug occurs,
- severity of bug:
 - severity low - minimal impact on product, core features,
 - severity medium - medium impact that might influence on core features but does not stop from testing product,
 - severity high - the bug stops testing process, affects delay in release,
 - severity critical - stop application from working. Must be fixed before release;
- action performed to reproduction,
- expected result,
- actual result,
- environment,
- attachments: for attachment it is required to add screenshot or video.

10. SUMMARY

Testing of functionality of Mr Buggy7 app should be approved by company "XYZ" by 06.02.2023. Tests will last ten days, divided between two iterations. As a result of testing process customer will get information about quality of product. All bugs will be reported according to requires and mentioned in final report.

After approval, the appropriate environment and tools will be prepared. All testing activities will be performed according to test schedule.