Author: Adam Nowak ID: MB7-ETP Date: 9:41 01/08/22

Mr Buggy 7 – Exploratory Testing TEST PLAN

1. Introduction
This document showcases a sample test plan used in the application testing process, based on the Mr Buggy 7 app. The goal of Mr. Buggy is to efficiently manage Change Requests for multiple Providers. The program contains simplified database of the requests and has a fully functional account system with different access levels. Following Test Plan will present the basic information about testing process, available environment and tools, responsible team, documentation and final products of the task.

2. Test approach
Testing will be based on the specification document provided by the client. Due to the budget constrains, the team will perform exploratory testing of the application, divided into two phases:

- Screens (UI/UX) testing
- Functionality testing

Additional tests (API, security, performance) may be conducted separately on the later date.

3. Entry criteria
Testing may begin after criteria listed below are met:

- initial Test Plan document is accepted by the Test Director
- application is in stable build and deployed on the production environment
- environment is prepared (hardware and software listed in the "Environment" and "Tools" sections are installed/functional)
- issue tracker is accessible by the team (created repository with appropriate access levels granted to the team members)
- the team is ready (team members delegated to the task have knowledge of the necessary tools and received project documents with other testware assets)

4. Exit criteria
Testing may end after one of the criteria listed below is met:

- critical issue is blocking further testing (testing is postponed)
- time allocated for the task has passed (testing is finished)

5. Issue tracking and management
Issues reported during the projects will be stored in the external web-based database on GitHub (read more at "Tools"). Defects will be graded by the single metric called "Priority", which indicates the severity of the problem and its impact on the software, therefore an urgency to fix.

Priority will be graded accordingly:

- **Critical** – for issues affecting key functionalities; major security risks
- **High** – for issues affecting key functionalities, but with workarounds available; minor security risks
- **Medium** – for issues affecting lesser functionalities; significant interface problems; content-based defects
- **Low** – for cosmetic issues; lesser content-based defects

6. Test products

The project will result in following products:

- Test plan (ID: MB7-ETP)
- Issue database (ID: MB7-E01 -> MB7-EXX)
- Test report (ID: MB7-ETR)

7. Environment

Tests will be conducted in the following environment:

Lenovo ThinkPad T440p

- Intel(R) Core(TM) i7-4712MQ CPU @ 2.30GHz 2.30 GHz
- Intel(R) HD Graphics 4600
- 8.00 GB RAM
- 1920x1080 Display
- Windows 10 Pro 64-bit, version 21H2, build 19044.1826

8. Tools

List of tools and repositories used during tests:

- ShareX 14.1 (video capture)
- Lightshot 5.5.0.4 (screenshots and image editing)
- Paint (image editing)
- Apache OpenOffice 4.1.12 (documentation, issues, exporting to PDF)
- Git with GitHub integration (bug tracking, main project environment)

9. Team

List of people responsible for the project:

- Adam Nowak – Test Lead
- Jan Kowalski – Tester

10. Project documents

Additional documents provided by the client:

- MrBuggy-Functional-Specification-v1.pdf – product specification