**TEST PLAN**

Table of Contents

Introduction - wstęp 3

* 1. Objectives - przedmiot 3
  2. Team Members 3

1. Scope - zakres 3
2. Assumptions / Risks - założenia / ryzyka 4
   1. Assumptions 4
   2. Risks 4
3. Test Approach - podejście 4
   1. Test Automation 4
4. Test Environment - środowisko 5
5. Milestones / Deliverables - kamienie milowe / rezultaty 5
   1. Test Schedule - harmonogram 5
   2. Deliverables 6

Introduction - wstęp

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

* 1. Objectives - przedmiot

Przedmiotem testów jest aplikacja Mr Buggy. Testy przeprowadzane są na wersji publicznej dostępnej na systemu Windows 7 i 8/8.1.

Zespół trenerski odpowiedzialny jest za testowanie aplikacji w trybie zawodnika (kategoria indywidualna).

Faza 1 polega na sprawdzeniu manualnym funkcjonalności aplikacji.

* 1. Team Members

|  |  |
| --- | --- |
| **Resource Name** | **Role** |
| Aga | Test zadań 1-6 |
| Dawid | Raport |
| Iwona | Test zadań 13-18 |
| Jakub | Test zadań 7-12 |
| Piotr | Test zadań 19-24 |
| Zbyszek | Przegląd dokumentacji |
| Ania | Test Plan |

1. Scope - zakres

Projekt obejmuje testy na poziomie akceptacyjnym, w typie funkcjonalnym.

Testy obejmują sprawdzenie funkcjonalności panelu użytkownika oraz wykrycie ewentualnych błędów w poszczególnych zadaniach testerskich.

Na koniec Fazy 1 tester musi móc:

1. Przejść do wybranego zadania
2. Rozwiązać zadanie
3. Zgłosić ewentualny błąd
4. Zakończyć pracę nad zadaniami

Instalacja aplikacji nie jest przedmiotem testów.

1. Assumptions / Risks - założenia / ryzyka
   1. Assumptions

This section lists assumptions that are made specific to this project.

1. Delivery of the product is in format that the test team can check it into CVS.
   1. Risks

The following risks have been identified and the appropriate action identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Risk | Impact | Trigger | Mitigation Plan |
| 1 | Scope Creep – as testers become more familiar with the tool, they will want more functionality | High | Delays in implementation date | Each iteration, functionality will be closely monitored. Priorities will be set and discussed by stakeholders. Since the driver is functionality and not time, it may be necessary to push the date out. |
| 2 | Changes to the functionality may negate the tests already written and we may loose test cases already written | High – to schedule and quality | Loss of all test cases | Export data prior to any upgrade, massage as necessary and re-import after upgrade. |
| 3 | Weekly delivery is not possible because the developer works off site | Medium | Product did not get delivered on schedule |  |
| 4 |  |  |  |  |

1. Test Approach - podejście

The project is using an agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested.

Rodzaje wykonywanych testów:

* testy funkcjonalne
* testy niefunkcjonalne: wydajnościowe
  1. Test Automation

Automated unit tests are part of the development process, but no automated functional tests are planned at this time.

1. Test Environment - środowisko

Aplikacja Mr Buggy 3.

Zainstalowany system Windows 7 lub 8/8.1.

1. Milestones / Deliverables - kamienie milowe / rezultaty
   1. Test Schedule - harmonogram

The initial test schedule follows

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Name** | **Start** | **Finish** | **Effort** | **Comments** |
| Test Planning | 11:00 | 11:20 |  |  |
| Test specification | 11:20 | 14:00 |  |  |
| Przegląd dokumentacji | 11:20 | 12:00 |  |  |
| Functional testing – Iteration 1 | 12:00 | 15:30 |  |  |
| Test zadań 1-6 | 12:00 | 14:30 |  |  |
| Test zadań 7-12 | 12:00 | 14:30 |  |  |
| Test zadań 13-18 | 12:00 | 14:30 |  |  |
| Test zadań 19-24 | 12:00 | 14:30 |  |  |
| Raport z testów | 14:30 | 15:30 |  |  |
| Functional testing – Iteration 2 |  |  |  |  |
| Performance testing |  |  |  |  |
| Release to Production |  |  |  |  |

* 1. Deliverables

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **For** | **Date / Milestone** |
| Test Plan | attachment Test plan - word |  |
| Test Cases |  |  |
| Test Results | attachment Test results - excel |  |
| Test Status report |  |  |