

**"Wishlist" feature project**

**Test Result Report**

Project Documentation

**Background** Information needed to assess the effectiveness of the testing

process and the current state of the project.

**Purpose** To provide the key information about the testing process and testing results.

**Scope**  Testing process description, test results, metrics, timetable, recommendations

**Audience** Management staff, QA team, project team.

**File**  File 0101-Test Result Report.docx

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1. **Summary**

During iteration four builds were released. The latest build has successfully passed 100% of the smoke test. Three critical defects were found, which we spent a lot of time on. 97% of the requirements of high importance are implemented correctly. At the next iteration the remaining low-priority test cases are scheduled for execution.

1. **Test team**

|  |  |  |
| --- | --- | --- |
| **Namе** | **Role** | **Responsibility** |
| Lesia Dubchak | Senior tester | Documentation creation, test-cases execution, participation in code-review |
| Alex Dubchak | Senior developer | Participation in requirements testing and code review |
| Diana Pobizhan | Middle tester | Test-cases execution |
| Andriy Smorzhaniuk | Middle developer | Requirements testing |

1. **Testing process description**

Each of the four builds (3-6) released during the reporting period was tested under Windows 10Ent x64 and Linux Ubuntu 16LTS x64 in the PHP 7.3.0 runtime environment. The smoke test (see http://projects/FC/Testing/SmokeTest) was performed using automation based on batch files (see \\PROJECTS\FC\Testing\Aut\Scripts). Regression testing showshigh stability of functionality (only one defect was found with the importance of “medium”). Re-testing shows a noticeable quality increase (83% of previously detected defects were fixed).

1. **Timetable**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Date | Activity | Duration, hours |
| Lesia Dubchak | 17.11.2022 | Requirements testing | 2 |
| Lesia Dubchak | 17.11.2022 | Test cases creation | 1 |
| Diana Pobizhank | 17.11.2022 | Test execution | 2 |
| Lesia Dubchak | 17.11.2022 | Test automation | 1 |
| Diana Pobizhan | 17.11.2022 | Defect reporting | 1 |
| Alex Dubchak | 17.11.2022 | Code review | 1 |
| Lesia Dubchak | 18.11.2022 | Test cases creation | 3 |
| Diana Pobizhan | 18.11.2022 | Test execution | 1 |
| Lesia Dubchak | 18.11.2022 | Defect reporting | 2 |
| Lesia Dubchak | 18.11.2022 | Test result reporting | 1 |
| Andriy Smorzhaniuk | 18.11.2022 | Code review | 1 |

1. **New defects statistics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | **Severity** | | |
| **Status** | **Quantity** | **Low** | **Medium** | **Major** | **Critical** |  |
| **Submitted** | 24 | 2 | 12 | 7 | 3 |
| **Fixed** | 17 | 0 | 8 | 6 | 3 |
| **Verified** | 13 | 0 | 5 | 5 | 3 |  |
| **Reopened** | 1 | 0 | 0 | 1 | 0 |
| **Declined** | 3 | 0 | 2 | 1 | 0 |
| **Deferred** | 1 | 1 | 0 | 0 | 0 |  |
| **Rejected** | 2 | 2 | 0 | 0 | 0 |  |

1. **New defects list**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Severity** | **Priority** | **Summary** |
| LP 1 | Major | High | Total price is shown excluding shipping in basket |
| LP 2 | Minor | Medium | Number of items in "Item added to your basket" pop-up differs from number of items in the basket |
| LP 3 | Major | Medium | Сaptcha is not displayed on the "Password assistance" page |
| LP 4 | Minor | Medium | EXit button is not displayed in "Shop by category" pop up in upper right corner |
| LP 5 | Major | High | "Search" field is not displayed in the header of main page |

1. **Overall defects statistics**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | **Severity** | | |  | |
| **Status** | **Quantity** | **Low** | **Medium** | **Major** | **Critical** |  | | |
| **Submitted** | 37 | 7 | 18 | 9 | 3 | |  |
| **Fixed** | 26 | 4 | 12 | 7 | 3 | |
| **Verified** | 17 | 0 | 7 | 7 | 3 | |  |
| **Reopened** | 1 | 0 | 0 | 1 | 0 | |
| **Declined** | 4 | 0 | 3 | 1 | 0 | |
| **Deferred** | 1 | 1 | 0 | 0 | 0 | |  |
| **Rejected** | 2 | 2 | 0 | 0 | 0 | |  |

1. **Recommendations**

No significant changes are needed at the current moment.

1. **Attachments**

Metrics through time changes:

* Test cases success percentage: Tsp =(83:100)\*100% = 83%
* Overall defects fixed percentage: DFTP = (26:37)\*100% = 70%
* Test-cases execution percentage: TE = (90:100)\*100% = 90%
* Requirements coverage by tests: RC = (97:100)\*100% = 97%