Feature to test the main objects of jira(user story, task, subtask,bug):

* Creation of issue
* Editing of issue
* Workflow of issue

**Task for team:** 1.Create draft with required information for the part of test plan. Meeting in Saturday.

The part of test plan – responsible

1. Purpose - Yurii
2. Feature to be tested and NOT to be tested - Yurii
3. Test strategy and test approach – Anastasia
4. Criteria (Acceptance, Entry, Suspensions, Resumption, Exit)- Valeriia
5. Resources- Ivan
6. Schedule- Victoria
7. Roles and responsibility-Nikita
8. Risk evaluation - Elena
9. Documentation- Ivan( test plan, check list, test case – main part)
10. Metrics- Nikita(choose one-two)

2. Review checklist and think about additional checks.

<https://software-testing.ru/library/testing/test-analysis/2405-the-one-page-test-plan>

[**Project “Jira Basic”**](https://www.google.com/url?q=https://jira.softserve.academy/&sa=D&ust=1574159676993000&usg=AFQjCNFGfG6D911KlpB9ylfadeI4B_g_nQ) **Test Plan**

**Introduction**

This document describe approaches that will be apply to the system testing of the "<https://jira.softserve.academy/>". It includes the objectives, test responsibilities, entry and exit criteria, scope, schedule, assumptions, documentation and test approach. This document has clearly identified what the test deliverables will be, and what is deemed in and out of scope. The Test Plan has been created to facilitate communication within the team members.

**In Scope**

Testing includes functionality, which are described in section “Functionality” identified high-risk regression suite functionality, End-to-End testing, Functional Testing, Localization Testing ( Russian and English), User interface testing, Compatibility Testing and Performance Testing. Manual regression tests deemed low priority will be run if time permits.

**Out of Scope**

Not other than mentioned above in section “Functionality”. Other languages won't be checked. Only Jira basic will be tested without any additional custom configuration.

**Functionality**

The following functionality is being changed in this release.

|  |  |
| --- | --- |
| **Feature Description** | **Depth of Testing** |
| CRUD functions | Is going to be testing the create, read and update issue with type task. [Read more](https://confluence.atlassian.com/jiracoreserver070/creating-issues-and-sub-tasks-777016102.html) |
| Watch issues | It is going to be testing sending notifications when things happen on an issue. [Read more](https://confluence.atlassian.com/jiracorecloud/watch-share-and-comment-on-issues-962349113.html) |
| Issue`s workflow | Including testing transition and issue`s statuses and conditions. Read more |
| Comment on issues | Is going to be testing all functionality.[Read more](https://confluence.atlassian.com/jiracorecloud/watch-share-and-comment-on-issues-962349113.html) |
| Issue`s history | Is going to be testing all functionality.[Read more](https://confluence.atlassian.com/jiracorecloud/watch-share-and-comment-on-issues-962349113.html) |
| Logging work on an issue | Is going to be testing all functionality. [Read more](https://confluence.atlassian.com/jiracoreserver/logging-work-on-issues-939937923.html) |

**Testing Strategy**

Team will be used experience-based testing and error guessing testers' skill, state transitions and decision table test design techniques along with their experience with similar applications or technologies. The project is using an agile approach, with weekly iterations. The following documentation will be created and using during testing process: Test plan, Checklist, Test Cases, Bug reports, Test report.

**Performance Testing**

Load testing will concentrate on the optimal time the page loading and checking operation of the system under load. Performance testing will be performed with JMetter.

**Infrastructure Considerations**

The test lab will need 2 languages installed and available for testing (Russian and English).

**Assumptions**

Testing is going to be prepared in OS Windows, with use Google Chrome and Mozilla Firefox.

**Entry criteria**

Feature testing must be start when test plan, checklist and main part (60%) of test cases were created. All test hardware platforms, software tools, test environment must have been successfully installed, configured, and functioning properly.

**Acceptance Criterias**

AC1. CRUD functions work as expected.

AC2. Watch issues works as expected.

AC3. Issue`s workflow works as expected.

AC4. Comment on issues works as expected.

AC5. Issue`s history works as expected.

AC6. Logging work on an issue works as expected.

**Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Task** | **Start Date** | **End Date** |
| 1 | Creation of test plan and checklist | 16.11.2019 | 18.11.2019 |
| 2 | Adjustment of test plan and checklist | 19.11.2019 | 19.11.2019 |
| 3 | Design Test case | 20.11.2019 | 20.11.2019 |
| 4 | Run of test cases and reporting of bugs | 21.11.2019 | 22.11.2019 |
| 5 | Test report creation | 24.11.2019 | 25.11.2019 |

**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.

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Risk** | **Probability, Impact** | **Mitigation Plan** |
| 1 | The scope of the plan may be changed. | Low.  Schedule, budget. | Define scope and approve with PO. Change the schedule when scope will be changed. |
| 2 | The test coverage density of single function may be increased. | Low.  Schedule, budget, quality. |  |
| 3 | Software/Hardware problems are blocking the testing or assigned resources are not available when needed by test team. | Medium.  Schedule, budget. | Support engineers team is available. The additional time is added to schedule. |