**Test strategy**

1. **Product and Overview**

This document defines a test strategy of *Qa-dementor* and required testing approach.

*Qa-dementor*  is a database for sales representatives which provides **them ability to create/edite/delete and manage all necessary** items.

The main functionality is to provide fastest way of data usage.

Project management **methodology** is **Scrum**. Each **sprint** consists o**f 2 weeks.**

1. **Test Approach**

Manual testing is used as a test process in *Qa-dementor*. The following types of testing are used:

* functional testing;
* component testing;
* system testing;
* smoke testing;
* usability testing;
* regression testing.

**Defect lifecycle**

Defect management lifecycle has the following status:

* **Open** (*defect is identified and created*);
* **Deferred** (*defects don't need to be fixed immediately for the release due to some reasons and PM decides to defer them for future release.  
  reasons:*

*\*Low severity and low priority bugs;*

*\*Bugs impact on existing functionality, however workaround exists for the scenario;*

*\*Existing bugs reported in the previous releases;*

*\*UI issues on specific platform(Operating system, hardware etc.);*

*\*Edge cases*)

* **Rejected** (defect was overviewed by relevant developing department, decided to do nothing);
* **In progress Devs** (defect is assigned to the relevant developing department, in the process of fixing at the moment);
* **Retest QAs** (defect is fixed and is sent to QAs for testing);
* **Fixed** (developer performed the necessary fix and the issue is no longer exists);
* **Reopened** (the requirements are not met properly, and the issue still exists);
* **Closed** (defect does not exist and is tested and verified properly – QA changes the state of the defect).

1. **Test Environment**

Testing process is performed with the latest version of **Google Chrome**

browser.

1. **Testing Tools**

Testing tools are the following on the project:

* **Trello** (project management);
* **Google drive** (confidential storage of the project’s information, is used to

help teams to collaborate and share knowledge efficiently);

* **TestRail / SalesForce** (storage/update of test cases/issue tracking).

1. **Test Documentation**

Test process for *Qa-dementor*  consists of creation of test documentation

and its updates:

- Test Strategy;

- Test Cases (should be created/updated after receiving/updating requirements);

- Smoke Test (cases for smoke testing should be selected and run before the release);

- Defect reports (should be created as soon as defect was detected);

- Test Summary Report (should be created after each sprint).

1. **Test Execution Entry Criteria**

Entry Criteria gives the precondition items that must be completed before

testing can start:

* All requirements have been discussed and clearly spelled out;
* All testing tools are available;
* Testing environment is available and set up correctly;
* Code is deployed in the test environment.

1. **Test Execution Exit Criteria**

Test process for *Qa-dementor*  defines the following criteria for test

completion:

* Test cases in scope have been executed and passed;
* All identified defects are posted to SalesForce (bug tracking system);
* All high and medium defects have been fixed;
* Test cycles are executed within schedule and timeline is over.

1. **Test Execution Acceptance Criteria**

Test process for *Qa-dementor*  defines the following criteria for test

acceptance:

* All requirements are performed;
* All functions work as required;
* All documents correspond to actual requirements.