



John Doe Corp.

ONLINE CHARTS

TEST OFFER

Version 1.0
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VERSION HISTORY

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1 INTRODUCTION

1.1 PURPOSE OF THE TEST OFFER DOCUMENT

Test offer document was develop our quality assurance team and approved by our Business Analytic team and Project Management team. In this document you can find information about test processing which we will provide for testing your product.

In this Test offer our QA team describe strategy of testing process which was developed by analyzing your product: items and functionality of your product. Also we want inform you, that this document - our view on the test process, based on our experience and result of analyzing your product. You can provide to us you ponit of view and we can change some process of our activity.

Test offer contains information about timeframe and phase of testing process, type of testing which will be provide by our QA team, acceptance criteria. Also in this document you can find information about risks with which our QA team can face during testing process.

2 TESTING PROCESS

2.1 ITEMS TO BE TESTED / NOT TESTED

During test process our quality assurance team will test specific scope of items of your product. We select such scope of items to test by result which we get after analyzing your product. You can provide more item which must be tested. In this estimation we provide you date with the condition that testing process start from 3rd of July.

Item to Test	Test Description	Test Date	Responsibility
Authorization	Testing sign up, login and reset password functionality	07/03/17 (12h)	QA teammate #1
Creating charts	Testing creating charts functionality	07/04/17 (24h)	QA teammate #1
Activity with created charts	Testing exporting, downloading, and sharing functional for created charts	07/07/17 (12h)	QA teammate #1
Donat system	Testing integration with payment system	07/08/17 (16h)	QA teammate #1
Localization of product	Testing localization of product	07/10/17 (16h)	QA teammate #1

Also we will provide to you such type of testing as: load, conformance and regression. All this type of test need to be estimated more detail - for this we will need additional information from you.

Now our estimate for all this type of testing will be 80 hours.

During testing process our team wouldn't provide testing security of your product, unit testing.

2.2 TEST RISKS / ISSUES

During test process, our team can face with some scope of issues about which we want to inform you before our the activity began:

- Communication with your development team. During testing it may be necessary to get some technical information about product functionality from your development team. Our company use Slack as communications manager - we can provide individual channel for our communication.
- Access to product technical infrastructure during all time of testing. All servers and other technical infrastructure of your product available only for your team. We want to ask you keep servers turn on during our testing process or we can discuss schedule when we can testing your product.
- Timeframe of testing. Below in this document you can find information about timeframe for different scope of test which we will provide. During this timeframe our teammate may not be available for some reason (holiday in our country, illness, sick days). We provide you our estimate in hours and this estimate wouldn't change during test process but date of result can be changed (1-2 days)
- Documentation for product. For our QA team important to get all documentation about product - moqups, user story and description about product functionality. Based on this documentation we can provide conformance testing and create test cases for functional, load and regression testing.

2.3 TEST APPROACH(S)

During test process our team planing to make such type of testing:

- conformance testing
- functional testing
- load testing
- regression testing
- UX/UI review of product

We will testing your product on different environment. All devices from this list we have and can use them during test process (this list can be edited - in this case we need to discuss which devices we can also provide for testing) :

Web browsers:

- Latest version of Google Chrome web browser,
- Latest version of Mozilla Firefox web browser,
- Internet Explorer 11,
- Edge

Devices:

- Samsung Galaxy S7 Edge Android 7.0
- Samsung SCH-I435
- iPhone 6s iOS 10.3.2
- iPhone 5s iOS 9.3.4

For reporting issues, defects, improvements we will use project management system JIRA - for our testing process we will create individual project and provide access to this project for you and developer team members (you can sent to us list of members).

During testing we will create test suites with test cases for testing functionality of your product. We will use Sitechco for store this test suite - we will provide access to this project for you. Here you will have ability to see status of testing process and result of tests.

2.4 TEST PASS / FAIL CRITERIA

Our quality assurance team determined criteria using which we can provide you information: your product is high quality or needed to fix some defects.

In your case: when product released and user can get access to the product we decide to set such criteria:

- 1) Product have highest quality - 96% of test cases pass success, founded bugs with minor priority.
- 2) Product quality but need to fix minor bug - 85% of test cases pass success, founded bugs with minor priority.
- 3) Product work but need fixes - 75% of test cases pass success, were found 3 bug with major priority
- 4) Need fixes - 50% of test cases pass success, were found more than 5 bug with major priority. One bug was found in the main product functionality.
- 5) Stop product, make fixes and start again - more than 65% of test cases were filed, in the main product functionality were found more than 3 critical bugs.

We determined this criteria because it highly important to understand that user which use product can use it without problems in other case if product have a lot of defects user can stop using your product.

2.5 TEST DELIVERABLES

Our specialist provide to you testing documentation. Some of this documentation will be available to you during testing process:

- Test plan
- Test cases (store in Sitechco)
- Error logs and execution logs.
- Bugs reports (store as separate tasks in JIRA with type "Bug")

After end of testing process our specialist provide you Test report in which will be describe all information about quality of your product and information about all testing activities which we done during testing process.

2.6 TEST SUSPENSION / RESUMPTION CRITERIA

During test process our team can face with case when their activity will be blocked by defects of some technical issues. In this case our specialist will stop testing process and inform you or responsible person about this blocker issue.

2.7 TEST ENVIRONMENTAL NEEDS

All needed resources for testing activity will be provide from our side.

2.8 RESPONSIBILITIES

Our QA team consists of 5 people: 1 QA team lead, 2 Senior QA and 2 Middle QA. Response for all testing activities lies on QA team lead who participated in creating this document.

2.9 STAFFING NEEDS

For testing activity we will provide one quality assurance engineer and estimate of time of testing process - 160 hours (four work week). We also can change numbers of engineer and then testing process will be finished early.

Price for 1 QA engineer - 20\$ per hour

Price for testing process will be 3200\$.

We can discuss quantity of quality assurance team. Also we can provide over-time - in this case date of finishing testing activity also can changed.

3 INFORMATION ABOUT TYPE OF TESTING

3.1 CONFORMANCE TESTING

First type of testing which will be provide it is conformance testing. During this process our engineer will read all documentation about your product and using information from requirement will test your product. After this type of testing we can provide you information is your product is the same thing as you plan.

This testing activity important because some function or design can contain inaccuracies and some time bugs - for example in logo of your product can be error in title.

After testing our engineer provide you report with information is your product match with requirements which you provide.

3.2 FUNCTIONAL TESTING

This type of testing one of the most important in testing product quality. During this testing activities our engineer create scope of test cases with different cases which will be based on the requirement and functionality of your product.

There be two type of test cases: positive and negative. It is necessary to create both type because some user can use your product not in such way as you expected. Some can have problem with authorization, another can doesn't know how to build charts - and they all can stop use your product.

After this type of testing our engineer provide you reports about functionality of your product - is all feature work correct and all bottleneck place have hint for users

3.3 LOAD TESTING

During this type of testing our engineer will test how your product hold a huge amount of user in one moment. For this type of testing our engineer will use Yandex-tank - open source load testing tool.

After this testing activities our engineer provide you report about stress stability of your product and help found bottleneck place which need to be improved by you devops or technical specialists.

3.4 REGRESSION TESTING

The last but not the least type of testing activities which we will do - will be regression testing - during previous testing activities our quality assurance engineer can find some scope of defects which need to fix. After this bugs and issues will be done our engineer will test fixes and check module on which can affects fixes.

Also if before we start our activity you have scope of defects which was fixes but doesn't tested - we can check this issues also.

3.5 UX/UI REVIEW OF PRODUCT

One of additional case which we want to offer - UX/UI review of your product. Our company can provide UX/UI designer with huge experience. He can provide additional information and improvement for your product. Also we can provide his portfolio on the invisionapp site.

This option just one of additional function which we can provide for audit quality of your project.

It took about 16 hours for review.

Price for 1 UI/UX designer - 35\$ per hour.

Price for UI/UX review - 560\$

Our QA engineer will get all information about this review and send you report with information about UX/UI review.

TEST OFFER APPROVAL

The undersigned acknowledge they have reviewed the **Online Charts Test Offer** document and agree with the approach it presents. Any changes to this Requirements Definition will be coordinated with and approved by the undersigned or their designated representatives.

Signature: _____ Date: _____
Print Name: _____
Title: _____
Role: QA Lead (Judge # 1)

Signature: _____ Date: _____
Print Name: _____
Title: _____
Role: Business Analyst Lead (Judge # 2)

Signature: _____ Date: _____
Print Name: _____
Title: _____
Role: Project Manager Lead (Judge # 3)

Appendix A: Key Terms

The following table provides definitions for terms relevant to this document.

Term	Definition
Functional testing	https://en.wikipedia.org/wiki/Functional_testing
Conformance testing	https://en.wikipedia.org/wiki/Conformance_testing
Load testing	https://en.wikipedia.org/wiki/Load_testing
Regression testing	https://en.wikipedia.org/wiki/Regression_testing
User acceptance testing	https://www.tutorialspoint.com/software_testing_dictionary/use_acceptance_testing.htm