V 1.0

Project name

TEST PLAN



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# REVISION CONTROL

*<Describe the changes over the document, when, who and what was modified. >*

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Editor** | **Description** |
| 1.0 | 19/05/2017 | Name | Change description |
|  |  |  |  |

# INTRODUCTION

*<This section contains a brief description of the project, an overview of the sections contained and the purpose of the document. >*

CinchKit is a company dedicated to sell cabinet refacing kits for apartments and contractors assembled in Houston, Texas. USA. They required a responsive web site for show their products.

The purpose of this document is to describe how the iTexico Test Team intends to test the Project Name web application. It should be mentioned that this document is based on the requirements available up to the day it was written (if any); as new requirements and changes are requested; new documentation will be requested and new estimates will be provided accordingly.

# SCOPE

## Functions to be tested

*<In this section we include all the features, functionality and user stories that will be tested >*

As part of this implementation, iTexico Test Team will have the responsibility of testing the functionality and GUI characteristics implemented in every sprint.

The features to be tested will be the approve ones in every sprint planning and split into the verification points document.

This sprint contains the following user stories:

|  |  |
| --- | --- |
| **Identifier** | **User Story** |
| 1 | As a User.. |
|  |  |

Items to be tested:

* Testing builds scheduled based on the Sprint Planning.
* Defect’s fixes.
* Final regression build provided by Development Team, once all identified defects are resolved and/or deferred.

The tests will be manually conducted based on the documentation, rules and designs provided by the customer, iTexico UI/UX Team and iTexico Development Team. As per the specifications of the engagement, the tests will be conducted as following:

* Web browsers
  + Google Chrome version 57
  + Mozilla Firefox version 52
  + Internet Explorer version 11
  + Safari version 10.1
  + Microsoft Edge version 40
  + Opera version 41
* Resolution screens
  + - 1366 x 768
    - 1920 x 1080

Note: The user stories categories may be end up as part of other existing categories or totally disappear as part of the design enhancement done by the iTexico Development team.

## Functions not to be tested

*<This section includes all the features, functionality and user stories that will NOT be tested >*

iTexico Test Team will not be in charge of covering the following features:

* Performance
* Security
* Load
* Scalability
* Web Services
* Development or use of automation testing
* Non-functional requirements
* Functions NOT described on the [User stories](file:///C:/Users/Tester/Downloads/User%20Stories%20Link) document.

iTexico Test Team won’t be responsible for testing any services or modules that are not within the scope of the iTexico Development Team.

iTexico Test Team won’t be responsible to conduct any test on …

# ASSUMPTIONS / RISKS

## Assumptions

*<Identify the activities that are indeed in the test process, the items that should be provided to start the test, and the role / person in charge of this tasks. >*

* The sprint schedule & project’s timeline will be provided to the test team by the PM or Project’s champion after revision with Customer.
* iTexico Development Team support to provide defect’s fixes in timely manner and notify Test Team when ready.
* All project’s requirements are documented and understood.
* iTexico Development and iTexico Design teams and if necessary the Customer informing iTexico Test Team of any changes in the scope or design.
* Customer’s support to resolve specific questions on application’s requirements, when the iTexico team cannot provide an answer.
* Customer’s support to provide final decisions on controversies may arise in matters regarding apps expected/desired behavior.
* Customer’s support to review and provide Test Plan, Verification Points and Final Test report’s comments and/or approvals.

## Risks

*<Identify the possible risk that impact the test activities >*

* Dependencies not being met per plan could narrow the test schedule or move the delivery date.
* Changes to Scope or Design, which were not included in the test plan or verification points, may cause an impact directly on the timeline and the final product delivery as it will consume time to review where changes were introduced to ensure their validity.

# TEST APPROACH OR STRATEGY

*<Define the strategy to follow for accomplish the test objectives. Kind of test, test activities, tracking of defects, etc.>*

The testing effort will consist of Manual Functional Verification Test.

The entire Testing process will include the participation of different stakeholders in the activities described below:

* iTexico Test Team will analyze, design and implement a list of verification points while first build is delivered.
* Development Team will commit to deliver builds for testing regularly as specified on the timeline agreed with the Customer.
* iTexico Test Team will execute the list of verification points as builds for testing become available.
* Features and bug fixes/enhancements.
* iTexico Test Team will report any found issues in Jira.
* iTexico Test Team will ask for support from the Customer in case of any controversy regarding the current implementation of the solution, this answer should be received by e-mail.
* iTexico Test Team will verify the correctness of the implementation of the functionality (Features & User Stories) described in the [“User stories“](file:///C:/Users/Tester/Downloads/User%20Stories%20Link).
* Not ALL verification points will be tested against ALL supported browsers; they will be distributed among the defined versions in a reasonable logical approach defined by test team.
* iTexico Test Team will create the tickets related to the feedback provided for the customer if there are any.

The tracking of the task or bugs is according to the next status:

* To Do: the task/bug is on the list of pending tasks.
* In Progress: the development/test team is working on this task.
* In Testing: the task/bug is ready to be tested.
* Done: the test team already reviews the bug and it´s fixed or closed for some reason.
* Blocked: We are not able to work in this task.

The severity and priority of the bugs is assigned as follow:

**Severity**

* Critical: A showstopper, affects a key requirement for which there is no workaround, prevents use of the system.
* Major: Affects a key requirement for which there is a workaround. Use of the system can proceed in a degraded mode.
* Minor: Affects a non-key requirement for which there is a workaround.
* Trivial: Cosmetic, appearance is wrong, such as misspelled words, wrong font, etc.

**Priority**

* High: Fix must be provided immediately within current Sprint. Core functionality is compromised and there’s no workaround. Requires urgent attention.
* Medium: Fix should be included within the next sprint. Important functionality fails but there’s a workaround. Issue has a significant impact.
* Low: Schedule fix when time is available. Issue has a relatively minor impact.

# STAFFING

*<Specify the staff members who are involved in the test project and their roles are going to be, the % of allocation, if there is required additional training. The name of the person, role, email and skype id.>*

* One manual tester is necessary to cover this effort 50% allocated.
* No special training has been identified. Assigned tester will be responsible to review project’s documentation and to address any question they may have with the proper contacts within the project.
* Assigned tester (according with our current delivery process) may take the responsibility as the anchor of this area of expertise.
* In case of additional specialized training is required to cover the project’s needs (ex. Test automation on a future release), it will be reviewed and defined with the client, taking into consideration the time and cost required.

## Roles

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Role** | **Email** | **Skype ID** |
|  | Project Representative |  |  |
|  | iTexico Account Manager |  |  |
|  | iTexico Project Manager |  |  |
|  | iTexico Development Team Anchor |  |  |
|  | iTexico UI/UX Team Anchor |  |  |
|  | iTexico Front End Developer |  |  |
|  | iTexico Back End Developer |  |  |
|  | iTexico Test Team Anchor |  |  |

# ENTRY AND EXIT CRITERIA

## Entry criteria

*<Identify the items, activities or conditions that should be in place before starting the test activities.>*

* All roles defined in iTexico’s delivery process (iTexico’s Confidential) have been assigned to the specific team members within the multidisciplinary teams:
  + Design
  + Development
  + Test
  + Project Manager
* Test plan has been created, reviewed and approved.
* Some of the following conditions will be repeated as the Development Team work products are delivered:
  + Acceptance criteria document has been created, reviewed and approved.
  + Test verification points have been created, reviewed and approved.
  + Unit test performed by Development Team is complete, with no open severity 1 or severity 2 defects.
  + Test Environment with dummy test data in a production like configuration is in place.
  + User credentials are provided for the Test Team to access the application to be tested

## Exit criteria

*<Define the conditions that represents the satisfactory completion of the test activities.>*

This section defines a successful completion of this test plan:

* All planned test verification points have been executed at least once.
* Testing Builds will be considered passed when all high severity defects are fixed: 1 & 2 severity defects which are not closed are formally deferred by Customer’s authorization.
* All severity 3, 4 and 5 problems identified have either been resolved by fix and retest, or have been addressed and their resolution secured through other means (signed off by the project’s PM and Customer).
* Final Regression Testing for build will be considered Passed when no high severity defects are found.

# SUSPENSION CRITERIA AND RESUMPTION REQUIREMENTS

*<Define the conditions that may cause the suspension of test activities.>*

This section includes a list of conditions that may cause the suspension of testing Activities. This list is not restricted since other conditions that are not listed here still can cause the suspension of testing activities:

* Critical issues block the installation or app to work at all. In this case testing activities will be resumed after a fix has been provided.
* As per indication of Account or Project Manager, who also will be determining when to resume testing activities.

# RESOURCE AND ENVIRONMENT NEEDS

*<This section contains all the items and tools that should be in place before starting the test.>*

A production like test environment should be in place.

The following list includes the set of tools to be used:

* iTexico Test Plan
* Verification Points
* Jira for bug reporting and tracking
* Confluence for repository of documents.
* PC with windows or safari.

# MILESTONES/DELIVERABLES

*<Listed the documents, items or elements that will be used in the test activities. Some of them will be delivered at the end of the test.>*

## Test schedule

Every sprint will have duration of 2 weeks. The target dates will be updated on Confluence in the following link, this serves as the baseline.

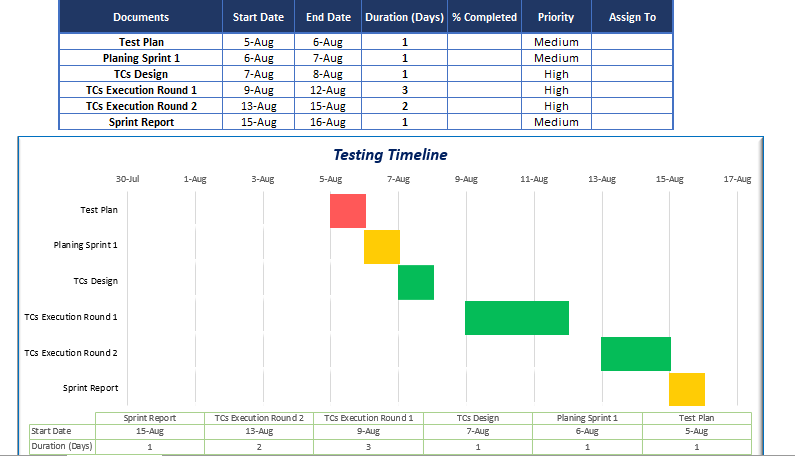
Add here the schedule in case you have one.

## Estimate

Project estimations have been agreed and approved by Customer and will be managed by the iTexico Project Manager assigned to this account.

The number of hours projected for testing tasks is ###, these hours represent the 30% of the development work. This is just an estimation and depends of the approved tasks for every sprint.

Timeline



## Test deliverables

The following documents will be delivered earlier or after testing effort has been completed, according to the type of document, all updated document version will be provided at the Project’s end:

* Test Plan
  + To be delivered at the beginning of the project and modified as project evolves
* List of Verification Points
  + To be delivered at the end of the project or as it is requested
* Test Reports
  + Final Report: To be delivered at the end of the project
  + Sprint Report: To be delivered at the end of each sprint.

NOTE: Documents generated could be deliverable as original format (.docx, .csv, .xls) or could be deliverable as posted on confluence to manage the most recent versions and users’ control. This is as Client desires.

# APPROVALS

*<This section contains the details of those who approve and sigh off this test plan.>*

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Signature (mail, pdf, or actual signature if printed** |
|  | Project Representative |  |
|  | iTexico Account Manager |  |
|  | iTexico Project Manager |  |
|  | iTexico Development Team Anchor |  |
|  | iTexico UI/UX Team Anchor |  |

# REFERENCES

*<This section provides a list of links to some templates or documents mentioned in previous sections.>*

* [User stories1](file:///C:/Users/Tester/Downloads/User%20Stories%20Link)
* [Interaction Flows1](file:///C:/Users/Tester/Downloads/Interaction%20Flows%20Link)
* [Verification points1](file:///C:/Users/Tester/Downloads/Verification%20Points%20Link)

1Documents are available on “Confluence” (https://itexico.atlassian.net/wiki/display/CKW/CinchKit+-+WebApp)

\*\*\*END OF DOCUMENT\*\*\*