

TEST PLAN

FOR

KOBO 360

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1. Introduction

This test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

1.1 Objectives

Kobo360 is a technology company that aggregates end-end haulage operations to help cargo owners, truck owners, drivers, and cargo recipients to achieve an efficient supply chain framework. Kobo uses big data and technology to reduce logistics frictions while empowering rural farmers to earn more by reducing farm wastages and helping manufacturers of all sizes to find new markets. The test team is responsible for testing the product which is the website(kobo360.com) and ensuring it meets their needs. The test team is both the customer and the tester in this project.

1.2 Team Responsibilities

Resource Name	Role
Testify Testers	Test Managers
Testify	Automation tester
Teams	Test case documentation

2. Test Coverage / Scope

The test scope and coverages has been designed to list out the scoped requirements. Black box testing which doesn't require the internal structure of the website to be made known to the tester would be done.

2.1 In Scope

The testing will include all 'must have' requirements. These and any other requirements that get included must all be tested. Features to be tested include;

1. Get started button on the site which includes signing in either as customer, staff or partner

2. All top bar options including the home, pricing, careers, blog, contact, kobocare and LOGIN buttons
3. Kobo360 sub options on the top bar(about us, sell your truck and our services)
4. Google play and apple app store link on the home page ensuring it leads to the right URL
5. Live chat feature
6. Slide on home page which should display the appropriate leading brands
7. Sign in page(Customer, staff and partner) which should display the appropriate response for each test data inputed
8. Forgot password button on the sign in page
9. Privacy, Terms and Help on the bottom bar of the sign in page
10. Language option on the bottom bar of the sign in page
11. All tests, expected result, actual result, entry and exit criteria should be documented

2.2 Out of Scope:

As the team works with the product, they will define the features not be tested. These features include;

1. Hardware interfaces
2. Database logical
3. Communication interfaces
4. Website security and performance

3. Test Method / Approach

The project is using an agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested.

3.1 Methods:

1. Black box testing will play a large part of the testing
2. Appropriate test data for sign in pages would be generated
3. Test for website quality, validation as well as user interface

3.2 Approach

1. Manuals tests will be performed for each feature of the website and should be documented.
2. Automated unit tests are part of the development process, but no automated functional tests are planned at this time.

4. Test Environment

A Desktop/Laptop with a windows 10 Operating system and a recently updated browser application should be available to each tester. Microsft office applications should also be available on each tester's system for documentation

5. Milestones / Deliverables

5.1 Test Schedule

The initial test schedule follows.....

Task Name	Members	Estimate effort	Comments
Test Planning	Testing lead, QA engineer, Testers	10 man-hour	Initial stage of STLC where steps to take are discussed
Review Requirements documents	Testing team	4-man hour	Inlcudes all necessary documents relating to the project
Create initial test estimates	Testing team	7 man-hour	A schedule is drawn with an expected start and end date and total man hours involved
First deploy to QA test environment	QA Engineers	2 man- hour	Initial testing begins
Functional testing – Iteration 1	Testers	4 man-hour	Further testing
Iteration 2 deploy to QA test environment	QA engineers	2 man-hour	Testing continues
Resolution of final defects and final build testing	QA engineers, developers	5-man hour	Final stage of testing where the website is reviewed once again
Deploy to Staging environment	Test lead, QA engineer/Testers	5-man hour	First deployment of the website after testing
Performance testing	Testing team	5 man hour	Evaluation of performance of website after initial deployment

Required customer interaction	Test lead	5 man-hour	Consultation with client and potential users regarding the project
Release to Production	Test lead	4-man hour	Final deployment of website/program to the public
TOTAL		53 man-hour	Total expected man hours spent

5.2 Deliverables

Deliverable	For	Date / Milestone
Test Plan	Project Manager; QA Director; Test Team	29/10/2020
Test Status report	QA Manager, QA Director	2/11/2020
		4/11/2020
Test Results	Project Manager	6/11/2020
Metrics	All team members	9/11/2020

6. Assumptions / Risks

6.1 Assumptions

This section lists assumptions that are made specific to this project.

1. Website was initially deployed without testing
2. Testing team is inexperienced

6.2 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. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

#	Risk	Impact	Trigger	Mitigation Plan
1	Team member lack the required skills for website testing	High	Testing process	Plan training course to skill up members
2	Tight Project schedule	High –	Deadline of project	Increase official working hours of members
3	Government curfew	Medium-High	Movement of testing team	Ensure virtual meeting of all members