TEST PLAN

<<KOBO360>>

Table of Contents

1. Introduction

The Test Plan has been created to communicate the test approach to team members. This document is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project Kobo360.

The plan identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, the methods used in testing and the risks associated with the plan.

1.1 Objectives

Kobo360 is a tech-enabled digital logistics platform that aggregates end-to-end haulage operations to help people involved in the cargo supply chain framework through an all-in-one robust logistics ecosystem.

Kobo enables unprecedented efficiency and cost reduction in the supply chain, providing 360-visibility while delivering products of all sizes safely, on time and in full.

The test objectives are to verify the functionality of KOBO360 , the project should focus on testing the cargo supply operation such as shipping, account creation, price estimation…etc. to guarantee all these operation can work normally in real business environment.

1.2 Team Responsibilities

Resource Name	Role
Testify Testers	Test Managers
Testify	Automation tester
Testify	Test Lead
Teams	Business analyst
Teams	Testing team

2. Test Coverage / Scope

The test scope and coverage have been designed to list out the scoped requirements, those that should not be focused on for this test.

2.1 In Scope

2.1.1 Features to be tested

All the feature of Kobo360 which were defined in software requirement specs are need to tested :

#	Module Name	Applicable Roles	Description
1	Register as a Partner	Customer Company	A partner can have an account and hereby invests in the shipping company.

			The company can view all partners that registered on their site.
2	Register as a customer	Customer Company	A customer can have a new account. The company can view all partners that registered on their site.
3	Services	Customer	The company displays available services for the customer.
4	Careers	Customer Company	The company posts job offers on the site. The customer can apply for these jobs
5	Blog	Customer Company	The company posts latest articles about them
6	Shipping goods	Customer	The company shows process in shipping goods.
7	Sell your truck	Customer Company	The company buys trucks from the customer.
8	Price estimate	Customer Company	The site helps the customer in estimating the cost of moving goods.
9	Language section	Customer Company	The customer can change the site display language.
10	About Us Section	Customer	The customer can view the write up about the company.

11	Get a quote	Customer Company	The customer can view quotes posted by the company.
12	News Update	Customer Company	A customer can view news update. The company posts trending news to the site.
13	Connect	Company Customer	The customer can follow the company on social media like instagram, facebook among others.

2.2 Out of Scope:

These feature are not be tested because they are not included in the software requirement specs :

1. User Interfaces

2. Hardware Interfaces

3. Software Interfaces

4. Database logical

5. Communications Interfaces

6. Website Security and Performance

1.   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. Exploratory testing will play a large part of the testing as the team has never used this type of tool and will be learning as they go.

2. Tests for planned functionality will be created and added to TCT as we get iterations of the product.

3. Test for quality, security, and validation

3.2 Approach

Manually test will be performed for each unstable unit of each feature
Automated unit tests are part of the development process, but no automated functional tests are planned at this time.

4   Test Environment

A database server, web server for kobo360 site, internet, browser including mozilla firefox, google chrome

5   Milestones / Deliverables

5.1 Test Schedule

The initial test schedule follows……….

Task Name	Start	Finish	Effort	Comments
Test Planning	14/09/2019	16/09/2019	2d	
Review Requirements documents	16/09/2019	17/09/2019	1d	
Making test specifications	17/09/2019	21/09/2019	4d	
Perform test execution	21/09/2019	30/09/2019	9d	It takes time to finish the execution
Test report	30/10/2019	03/10/2019	5d	
Test delivery	03/10/2019	04/10/2019	1d	

5.2 Deliverables

Deliverable	For	Date / Milestone
Test Plan	Project Manager; QA Director; Test Team	26/09/2019
Traceability Matrix	Project Manager; QA Director	27/09/2019
Test cases	Project Manager; QA Director	27/09/2019
Test Design specifications	Project Manager; QA Director	27/09/2019
Test Tool	Project Manager; QA Director; Test Team	27/09/2019
Test Results	Project Manager	03/10/2019
Test Status report	QA Manager, QA Director	Daily
Metrics	All team members	Daily
Error logs and execution logs.	Test Team	Daily

Defect Report	Test Team		Daily
Installation/ procedures guidelines	Test	Project Manager; QA Director	03/10/2019
Release notes	Test Team		Daily

6. Assumptions / Risks

6.1 Assumptions

- All the defects would come along with a snapshot JPEG format
- The Test Team will be provided with access to Test environment via VPN connectivity
- The system will be treated as a black box; if the information shows correctly online and in the reports, it will be assumed that the database is working properly.
- Test case design activities will be performed by QA Group
- Test environment and preparation activities will be owned by Dev Team
- Dev team will provide Defect fix plans based on the Defect meetings during each cycle to plan. The same will be informed to Test team prior to start of Defect fix cycles
- Business Analyst will review and sign-off all Test cases prepared by Test Team prior to start of Test execution
- Project Manager/ Business Analyst will review and sign-off all test deliverables.
- Test team will manage the testing effort with close coordination with Project Manager/ Business Analyst Project team has the knowledge and experience necessary, or has received adequate training in the system, the project and the testing procedures

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.	Medium	Delays in implementation date	Plan training course to skill up your members
2	The project schedule is too tight; it's hard to complete this project on time	Medium	Delays in implementation date	Set Test Priority for each of the test activity.
3	Test Manager has poor management skill	Medium	Product did not get delivered on schedule	Plan leadership training for manager
4	A lack of cooperation negatively affects your employees' productivity	Medium	Delays in implementation date	Encourage each team member in his task, and inspire them to greater efforts.

5	Wrong budget estimate and cost overruns	High	Product did not get delivered on schedule	Establish the scope before beginning work, pay a lot of attention to project planning and constantly track and measure the progress