Kargo Website

Sample Test Plan

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# Introduction

This Sample Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities for the Kargo Website (www.kargo.com).

This plan identifies the items to be tested, features to be tested, types of testing to be performed, the personnel responsible for testing, the resources & schedule required to

complete testing, and the risks associated with this plan.

QA Management will handle the logistics of the tests and all the events that come up during execution (e.g.: communications, escalation procedures, risk and mitigation, team roster).

# Test Strategy

## Test Objectives:

The test objectives are to verify the GUI and Functionality of the Kargo website, ad builder demo feature, and submission forms to guarantee all these operations can work as expected in a production environment.

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

## Test Types:

**Website Functional Testing** – Web functional test includes site navigation, external links, streaming content, images, forms submission, Ajax functionality, exception handling, state maintenance, search functionality

**Website Usability Testing** – responsiveness, ease of use, caching behavior, configurability, localization

**Cross Browser Compatibility Testing** – Website compatibility test with different browsers, operating systems, mobile platforms, runtime modules, such as Flash, screen sizes

**Website Test Automation** – Development of automated smoke tests for regression testing

**Website Load Testing** – Simulated loads using typical user interaction scenarios

Team Members:

|  |  |
| --- | --- |
| **Agile Resource** | **Name** |
| QA Engineer | Frantz Bazile, Kargo QA Personnel |
| Product Manager | Kargo Product Personnel |
| Developer | Kargo Dev Personnel |
| Project Manager | Kargo PM Personnel |
| Designer | Kargo Design Personnel |
| Ad Ops Specialist | Kargo Ad Ops Personnel |

## Test Environment:

A pre-prod environment will be used for testing against Kargo website.

# Tools

## 

## Platform Devices under Test:

**Desktop browser** - Chrome, Firefox, Safari, Internet Explorer

**Android** - Phablet phone running Android 6.0, Non-Phablet phone running Android 6.0, Tablet device running Android 6.0, Phablet phone running Android 5.1, Non-Phablet phone running Android 5.1

**iOS -** iPhone 6 Plus running iOS 10, iPhone 6 running iOS 10, iPad running iOS10, iPhone 5S running iOS 10, iPhone 5c running iOS 9

## 

## Team toolchains:

**Confluence -** Used to store company documentations

**JIRA -** Defect Tracking tool

**JIRA -** Sprint Planning tool

**JIRA -** Test Case repository

**Selenium -** Automation tool for web

**Appium -** Automation tool for mobile devices (Android/iOS)

**Java -** Selected language for automation

# Risk & Mitigation Factors

The following risks have been identified and the appropriate action identified to mitigate their impact on this project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered.

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk** | **Impact** | **Probability** | **Mitigation Plan** |
| Incorrect sprint-planning estimates by the Dev/QA team: | Medium - High | Small - Medium | Communicate Accurate Workload Needs with Stakeholders |
| Testing schedule is tight. If the start of the testing is delayed due to design tasks | Medium - High | Medium | QA team can control the preparation tasks (in advance) and the early communication with involved parties. More Agile team members step in to test. |
| Environment for testing goes down | High | Small | Dev and DevOps team works to bring environment back up. QA team refines Test cases and/or documentation |

# Test Deliverables

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **Author** | **Reviewer** |
| Test Plan | QA Lead | Project Manager / Product Manager |
| Sprint Test Status Report | QA Engineer | Agile Team / QA Team |
| Sprint Test Results | QA Engineer | Agile Team / QA Team |
| Metrics | QA Lead/Engineer | Agile Team / Engineering Team |