

[***https://torqata.com/***](https://torqata.com/)

***Test Plans***

***By Zahed Khan QA***

# Introduction

## Objectives

Data & Analytics is bringing change to the tire industry. We're the ones driving it. The Test Plan has been created to facilitate communication among the team members. This document describes approaches and methodologies that will apply to the unit, integration, and system testing of the "https://torqata.com/". It includes the objectives, test responsibilities, entry and exit criteria, scope, schedule major milestones, entry and exit requirements, and approach. This document has identified the test deliverables and what is deemed in and out of range.

## URLS

* https://torqata.com/
* UAT= <https://uat.torqata.com/login>
* INT= <https://int.torqata.com/login>
* DEV= <https://dev.torqata.com/login>
* PROD= <https://prod.torqata.com/login>

## Team Members

|  |  |
| --- | --- |
| **Resource Name** | **Role** |
| Torqata Developer Team | Developer |
| Unknown | Project Manager |
| Zahed khan | Tester |

1.3 Role and Responsibilities

* Understand requirements
* Write and executing test cases
* Preparing test result data
* Review and regression execution weekly
* Defect report and tracking
* Bug review
* Test data preparation

# Scope

The initial phase will include all ‘must have’ requirements. These and any other requirements that get included must all be tested. At the end of Phase 1, a tester must be able to:

1. Create a manual and automation test with as many steps as necessary
2. Save it
3. Retrieve it and have the ability to view it when running the test
4. Enter results and appropriate comments
5. View results

**2.1 Functions to be tested.**

* GUI Test
* Data Test
* Smoke Suits Test
* Integration Test
* User Accepting Test
* Regression Test
* Search and Filters Logic Test
* Performance Test (Currently not)
* Environment Test (Currently not)

**2.2 Functions not to be tested.**

* Load Test (Need commercial tool)
* Monkey Test (Shortage of test time)
* Database Test (Credential unavailable)
* Penetration Test (Resource unable)

As the tester works with the product tester will define the needs for the second phase.

Load and Performance testing will not be considered part of this project since the user base and platform is unknown and commercial load testing tool is unavailable.

# Assumptions / Risks

## Assumptions

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

1. Delivery of the product is in format that the test team can check it manually and using automation.

## 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 | After Click on the Sign-in page, a new window opens with a different URL, unsure of the business implementation behind it. | High | New Window open after click in SIGN UP button from home page | Before I make any comment, I need to know business logic and technical roadblocks about this option. |
| 2 | **After visiting the sign-in page, I can enter any text, including an invalid email id inside the email text box.** | High – to schedule and quality | Able to enter invalid email or email which does not contains @ and “.” | The best practice is to show an error sing if the email does not contain a sign like @ and "."  Example: tester@torqata.com |
| 3 | After visiting the sign-in page, I can enter upper- and lower-case text inside the email text box. | Medium | Able to enter both uppercase and lowercase | The best practice is to convert any uppercase into lowercase automatically  Example: [tester@torqata.com](mailto:tester@torqata.com)  **Not TESTER@TORQATA.COM** |
| 4 | Demo Videos are all in YouTube platform. | Low | Should be a backup option if for some unknown region YouTube is down for the end user | All demo video is playing from YouTube platform which is a 3rd party application. |
| 4 | More will be added |  |  |  |

# Test Approach

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

Exploratory testing will play a large part of the testing as the tester has never talked with developer and BA and will be learning as they go. Tests for planned functionality will be created as get iterations of the product.

## Test Automation

Automated unit, End to End, Integration, User Accepting, Regression tests are part of the development and QA process.

# Test Environment

**Support level 1 (browsers):**

* Windows 8: Edge, Chrome (latest), Firefox (latest), Safari (latest)
* Mac OS X: Chrome (latest), Firefox (latest), Safari (latest)
* Linux Ubuntu: Chrome (latest), Firefox (latest)

**Support level 2:**

* anything else

Location: **Zahed house in New York City**

Internet Speed: 11.3 Megabits per second (Currently)

# Milestones / Deliverables

## Test Schedule

The initial test schedule follows……….

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Name** | **Start** | **Finish** | **Effort** | **Comments** |
| Test Planning | 11/07/2020 | 12/07/2020 | 2 d | Developer, BA, Product owner connection Unable |
| Review Requirements documents | same | same | same | Doc, PDF |
| Create initial test estimates | same | same | same | Undecided |
| Staff and train new test resources | same | same | same | Undecided |
| First deploy to QA test environment | same | same | same | Undecided |
| Functional testing – Iteration 1 | same | same | same |  |
| Iteration 2 deploy to QA test environment | same | same | same | Undecided |
| Functional testing – Iteration 2 | same | same | same | Undecided |
| System testing | same | same | same | Unavailable |
| Regression testing | In Process | In Process | In Process | In Process |
| UAT | same | same | same | same |
| Resolution of final defects and final build testing | same | same | same | same |
| Deploy to Staging environment | same | same | same | same |
| Performance testing | same | same | same | same |
| Release to Production | same | same | same | same |

## Deliverables

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **For** | **Date / Milestone** |
| Test Plan | Project Manager; QA Director; Test Team | Name unknown |
| Traceability Matrix | Project Manager; QA Director | Name unknown |
| Test Results | Project Manager | Name unknown |
| Test Status report | QA Manager, QA Director | Name unknown |
| Metrics | All team members | Name unknown |

**Demo Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| Number | Action | Expected result | Test result |
| **1** | **General** | | |
| **1.1** | **Open game** | | |
|  | Pre steps:   1. Quit all process 2. Launch chrome and its takes 0-3.27s to load fully with 11.3 Megabits per second (Currently) 3. Title of the page: Torqata | **true** | **true** |
| **1.2** | **View changing (forward back)** | | |
| 1.2.1 | Steps:   1. Click on Back Button “🡨” 2. Check that Start view is loaded | Previous view is loaded | **pass** |
| **1.3** | **View changing (forward next)** | | |
| 1.3.1 | Steps:   1. Click on Back Button “🡪” 2. Check that the page is loaded | Next view is loaded | **pass** |
| **2.2** | **Login** | | |
|  | Pre-steps:   1. Click on Button “SIGN IN” 2. Type correct email and password to login in Torqata 3. Click on Button “LOG OUT” | A picture containing shape  Description automatically generated | **pass** |
| **3.4** | **Boundary values of email and password field** | | |
| 3.4.1 | 0-9, a-z, !@#$%^&\*()\_+[ ]{};’:”,.<>/\_+, -9999 | Can be add inside textbox | pass |

|  |  |  |  |
| --- | --- | --- | --- |
| **Signature:** |  | **Date:** |  |
| **Print Name:** | Zahed Khan |  |  |
| **Title:** | QA |  |  |
| **Role:** | tester |  |  |