

Product: <https://apps.torqata.com/login>

Automation

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| **Purpose:**  Verification and Validation (all parts).  **Instructions:** End to End steps is mandatory, everything else is optional. | |
| **Test Run Information: Test Run 11/08/2020 at 10:35PM Est**  **Tester Name:** Zahed Khan  **Date(s) of Test:** 11/6/2020  **Location:** New York City  **Methodology**: Behaver Driven Approach  **Environment**: Chrome 86.0.4240.183 (Official Build) (64-bit)  **URL UAT:** https://uat.apps.torqata.com/login  **URL INT:** https://int.apps.torqata.com/login  **URL PROD:** <https://prod.apps.torqata.com/login>  **Regression Suits**: Every midnight at 12:00AM  **Verification and Validation**: Every day by Zahed Khan | **Prerequisites for this test:** Chrome |
| **Software Versions:** 2.23.140.1.2.1  Application: Torqata  Database: [database]  Operating System: WIN64, WIN34, MAC OS-X, LINUX  Serial Number: 03a7d48b0a511e02b1482fa7f0b7a44fbc9f  IDE: PyCharm 20.2.3 |
| **Required Configuration:** [ browser setup, security, Credential  No special setup needed = False  **Report: Test Manager**  **Report: Developer lead** |

**Introduction**

This document will outline and describe the testing approach and each of the tests related to the automation testing of the delivered product. It will outline each of the manual tests within the Manual Test Plan that can and will be automated.

The tests will be related to the specific phase of the testing involved. For example, if the automation plan is for the System Testing Phase of the project, then it will map to each manual system test that has already been mapped to the related requirement in the system requirements document, or the system specification document. Because of these simple connections to other tests, it will be easy to quickly see the range of coverage offered by the automation test plan and how it can ensure quality. It will also allow for easy identification of areas that will not be covered by the automation test plan will have to be completed manually.

Each test will contain clear entry and exit criteria, the user roles utilized during the tests, and any pre-conditions the test team will be responsible for setting up and validating prior to the execution of the test plan. The automation test plan has clear standards for which information to include, and how to represent it. Some of the sections are as follows:

##### *Regression Suits: Every midnight at 12:00AM*

**Test Triger**

**CICD Tool**

* **jenkins ci cd pipeline**

##### 1: Explanation of the automation coverage

* Current coverage is %100
* Current Automation script 🡪 5
* Current Manual script 🡪 5

**2: List of each specific manual test that will be automate.**

* Currently Unknown

##### 3: Concise list of elements that will not be tested

* Currently Unknown

##### 4: Test Environments

* Chrome, Opera, Firefox, Edge, IE
* Driver version 🡪 Latest official
* Automation Framework 🡪 Super-Automation framework 00.00.02
* GitHub link 🡪https://github.com/zahed3795/Super-Automation
* Test Runner 🡪 Zahed Khan (QA department id 007)

##### 5: Test descriptions and Code

5.1 Unit Test 00001🡪 <https://github.com/zahed3795/Super-Automation/blob/main/torqata/torqata_test.py>

5.2 Integration Test 00002 🡪 <https://github.com/zahed3795/Super-Automation/blob/main/torqata/torqata_test.py>

5.3 End-to-End Test 00003 🡪<https://github.com/zahed3795/Super-Automation/blob/main/torqata/torqata_test.py>

5.4 End-to-End Test 00004 🡪<https://github.com/zahed3795/Super-Automation/blob/main/torqata/torqata_test.py>

5.5 End-to-End Test 00005 🡪<https://github.com/zahed3795/Super-Automation/blob/main/torqata/torqata_test.py>

##### 6: Identification and description of any known risks

6.1 **Unit Test 00001**

* Text box should only take argument as lower case
* Text box should only accept email which contain @ and .
* Failed in boundary test, should be a limit before show an error meg
* Business logic is currently unknown
* Developer contract info is unknown

6.2 **Integration Test 00002**

* Failed in boundary test, should be a limit before show an error meg
* User able to enter any kind of text ex: -999, -12,0,999
* User able to enter negative number

6.3 **End-to-End Test 00003**

* New URL open after click in SIGN IN button
* Text boxes accept any kind argument, even wrong format email and negative number password
* Failed in boundary test, should be a limit before show an error meg
* Business logic is currently unknown
* Developer contract info is unknown

6.4 **End-to-End Test 00004**

* Demo Video is in YouTube platform,
* If YouTube website is down, no alternative platform available or known
* Business logic is currently unknown
* Developer contract info is unknown

6.5 **End-to-End Test 00005**

* Podcast is in 3rd party platform
* No alternative platform for products

**7: Cross Browsing**

All current test execution platform

* Chrome official latest
* Firefox official latest
* Opera official latest
* Edge official latest

##### 8: Data requirements for each test case

* Currently not provided

9: Automation Test Execution

git clone <https://github.com/zahed3795/Super-Automation.git>

cd Super-Automation

pip install -r requirements.txt

python setup.py install

pip install . # Normal installation

zahed install chrome -l

zahed install ff -l

zahed install opera -l

zahed install edge -l

cd torqata

pytest torqata\_test.py --demo --html=report.html (for html test report)

Last

