Product:

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:**  **Location:**  **Methodology**: Behavior Driven Approach  **Environment**: Chrome 86.0.4240.183 (Official Build) (64-bit)  **URL UAT:** https://uat.  **URL INT:** https://int.  **URL PROD:** https://prod.  **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:  Database: [database]  Operating System: WIN64, WIN34, MAC OS-X, LINUX  Serial Number:  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 delivered product's automation testing. It will outline each manual test 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, suppose the automation plan is for the System Testing Phase of the project. In that case, 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 that will have to be completed manually.

##### Each test will contain straightforward 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 before executing 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 à 5
* Current Manual script à 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 à Latest official
* Automation Framework à Super-Automation framework 00.00.02
* GitHub link àhttps://github.com/zahed3795/Super-Automation
* Test Runner à Zahed Khan (QA department id 007)

##### 5: Test descriptions and Code

5.1 Unit Test 00001à

5.2 Integration Test 00002 à

5.3 End-to-End Test 00003 à

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

6.1 **Unit Test 00001**

* Text box should only take argument as lower case or convert upper case into lowercase
* 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 .

python setup.py install  
pip install -r requirements.txt  
py -m pip --upgrade pip  
pip install -e . --upgrade --no-cache-dir --progress-bar off  
zahed install chrome -l  
zahed install gecko -l  
zahed install edge -l  
zahed install ie -l  
zahed install opera -l

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

Last

