Test Plan – EQual Experts

# Site Gruyere

Tools/Software to install, to be able to run automate tests:

1 . Install Python 2.7 - <https://www.python.org/downloads/release/python-2711/>

2 . Install selenium (for this you may have to install pip - ), then just open cmd and type :

>>Cd Python27/Scripts

>>pip install –U selenium

3. Install Nose (test collector for python ), type in cmd :

>>Cd Python27/Scripts

>>pip install nose

4 . Install python library pywinauto (used for test UploadTest) to interact with OS native windows):

Download Latest Version - <https://github.com/pywinauto/pywinauto/releases/download/0.5.4/pywinauto-0.5.4.zip>

Unpack, then

>>setup.py install

# Tests :

For details about test steps, and expected results please consult file attached: Gruyere\_ Test\_Cases.xls

# Automated tests purpose:

For this exercise, 4 tests were automated:

SignIn\_Test : This test is use to test platform for user sign in feature, the main test structure is available, and may now be easily expanded to test platform capacity , performance, and load tests;

SignUp\_Test: This test test correct/successful user sing up to the platform;

CreateNewSnippet\_Test: This test is used to check that it is possible to create a snippet in the platform.

Upload\_Test: This test covers another feature of the website, the ability to upload files to server.

# How to run tests using nose:

To run all tests, just open cmd, navigate to the tests folder under selenium framework:

>>cd C:\ Equal\_Experts\tests

>> nosetests --no-byte-compile (here the “—no-byte-compile” will avoid creation of .pyc files)

To run tests individually:

>>nosetests --no-byte-compile ‘TEST\_NAME’

To have details abou what is running at any moment:

>>nosetests --verbosity=2 --no-byte-compile ‘TEST\_NAME’

# Input data required to Run tests:

To run the automated tests , open file to C:\ Equal\_Experts\Constants.py, and fill EE\_Constants python dictionary fields with your test parameters.

# Bug Report:

Bug UploadingFile: Uploading without a file selected use case is not covered.

Steps:

1 . Open your gruyere session : <https://google-gruyere.appspot.com/577118770572/>";

2 . Sign in with your user (if you have no Sign in credentials yet, please first sign up);

3 . click upload link under main page;

4 . Click button upload, without selecting any file

Expected Results:

Because no file is passed for the upload , user should be informed that first he needs to select a file before submitting it. In a user friendly manner.

Observed Results:

Platform is not prepared for this kind of situation , and just displays a code exception message “Exception: 'unicode' object has no attribute 'filename'” (<https://google-gruyere.appspot.com/577118770572/upload2>).

Bug UploadingFile: File Accessible Link is incorrectly displayed:

Steps:

1 . Open your gruyere session : <https://google-gruyere.appspot.com/577118770572/>";

2 . Sign in with your user (if you have no Sign in credentials yet, please first sign up);

3 . click upload link under main page;

4 . Select a file <50Kb and upload file.

Expected Results:

New page is loaded with information that upload was successful and link to access the file is correct.

Observed Results:

New page is loaded with information that upload was successful, but link to access the file is incorrect,

Example : **File accessible at:** http://google-gruyere.appspot.com/577118770572/)(//Test.txt