

Automation Task- 2022

Brain Station 23

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The scenario mentioned in the “**Associate Automation Assignment.pdf**” is covered in this Automation Test. But as the targeted web application is new to me, in the 1st stage I did **Exploratory Test** first. Then prepared the *Test Scenario* and *Test Case* document in a MS XL file.

After making sure that the Web Application is Stable I started my work on Automation Testing

Test Case Documentation: [/SQA-Automation-Task-2022-BrainStation23/Story/ Test Cases.xlsx](#)

To keep the Automation Test System Dynamic all the user inputs are kept in a XL file's Sprite Sheet.

[Make sure to update the email in two different sheet to re-run the test]

Dynamic User Input file (2 Sheets): [/SQA-Automation-Task-2022-BrainStation23/TestData/TestData.xlsx](#)

Automation Test:

- Library : Selenium
- Programming Language : Python
- Framework : Robot Framework
- Design Pattern : Page object Model (POM)
- Browser Driver : Chrome driver (make sure your Browser and Driver version is same)
*Note: Keep the **Chrome driver** inside Python's 'Scripts' folder to use it globally in the system.
Python's 'Scripts' folder should be added in the **Global Variable Path***

Recommended Version (pip list):

- Python => 3.10.0
- Robotframework => 4.1.2
- robotframework-datadrivers => 1.5.0
- robotframework-pythonlibcore => 3.0.0
- robotframework-seleniumlibrary => 5.1.3
- selenium => 4.1.0

Report and Log are generated at root directory of this project as .html format