

Automation Basics Test Plan

Overview:

Testing the functionality of the "Automation-Basics" web application

Links:

- Application:
 - <https://devmountain-ga.github.io/Automation-Basics/build/>
- Application Requirements:
 - <https://devmountain-ga.github.io/Automation-Basics/>
- Trello Board:
 - <https://trello.com/b/tOenQoXR/checkpoint-2-project-automation-basics>
- GitHub:
 - <https://github.com/JPLABRADOR/checkpoint2>

In-scope:

- Valid/ Invalid Entry For Each Input Field
 - Input correct/incorrect entries to test input functionality
- Valid/ Invalid Output
 - Submit correct/incorrect entries to test output functionality
- Multiple Submit Button Functionality
 - Verify button functionality for each section of the app after field input

Out-of-scope:

- Everything is in scope

Test Cases/Automation:

- Enter And Submit Valid Data From The "Evens and Odds" Field
 - Verify input field, "Split" button and output functionality
- Enter And Submit Invalid Data From The "Evens and Odds" Field
 - Verify the invalid input will give the correct output
- Enter And Submit Valid Data From The "Filter Object" Field
 - Verify input field, "Filtered" button and output functionality
- Enter And Submit Invalid Data From The "Filter Object" Field
 - Verify the invalid input will give the correct output

- Enter And Submit Valid Data From The "Filter String" Field
 - Verify input field, "Filter" button and output functionality
- Enter And Submit Invalid Data From The "Filter String" Field
 - Verify the invalid input will give the correct output
- Enter And Submit Valid Data From The "Palindrome" Field
 - Verify input field, "Check" button and output functionality
- Enter And Submit Invalid Data From The "Palindrome" Field
 - Verify the invalid input will give the correct output
- Enter And Submit Valid Data From The "Sum" Field
 - Verify input fields, "Add" button and output functionality
- Enter And Submit Invalid Data From The "Sum" Field
 - Verify the invalid input will give the correct output

Entry Criteria:

- Testing environment established (Chrome on Windows)
- Test plan and Trello board created
- The requirements for the application are given

Exit Criteria:

- Sufficient testing of the input fields, multiple submit buttons and output functionality
- Test cases were executed and the results documented on Trello
- Bugs were documented and reported on Trello

Found Bugs:

- Bug: Improvement Recommendation - "Evens and Odds" Output Fields Give Inconsistent "null" Value
 - <https://trello.com/c/Wm6ho0Jg>
- Bug: Using A "/" Causes Irregularities In The "Evens and Odds" Output
 - <https://trello.com/c/7zsTdl6>
- Bug: Using Multiple Decimal Points Causes Irregularities In The "Evens and Odds" Output
 - <https://trello.com/c/h2egyop3>
- Bug: Long Integers Cause Irregularities In The "Evens and Odds" Output
 - <https://trello.com/c/afTbLptN>
- Bug: Clicking The "Filter" Button With No Input Causes Irregularities In The "Filter String" Output
 - <https://trello.com/c/VBywbcWb>

- Bug: Submitting Certain Letters Causes Irregularities In The "Filter String" Output
 - <https://trello.com/c/Kx4UarVC>
- Bug: Clicking The "Add" Button With No Input Causes Irregularities In The "Sum" Output
 - <https://trello.com/c/TYbrRiZU>
- Bug: Able To Add and Submit Non-numeric Characters From The "Sum" Input Field
 - <https://trello.com/c/TWNByGib>