**Practical No :- 5**

**Test case name:-** There is a simple program with the following items:

a. Input Box A

b. Input Box B

c. ADD button

d. Result Text Box [=A+B]

**Objective :** This Projects Aims to test different feature of Addition of two box.

Different testing methods and level of testing are use to test a Addition of two box .

The testing will be conducted on both hardware and software .

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| Test Case Template | |
| Test Case Id: 5 | Test Designed by**:** Rutuja Manekar |
| Test Priority ( Low/Medium/High) **:** Medium | Test Designed Date:15/03/2024 |
| a. Input Box A  b. Input Box B  c. ADD button  d. Result Text Box [=A+B] | Test Executed by **:** Rutuja Manekar |
|  | Test Execution Date:15/03/2024 |
| **Test Title** : To test whether Addition of two box function properly or not . | |
| **Description** : Test different feature of Addition of two box such input box A, input box B ,Result so on. | |

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| **Sr No** | **Test Feature** | **Test Steps** | **Expected Result** | **Actual Result** | **Status P/F** |
| 1 | Addition Functionality | Enter 5 in Input Box A and 10 in Input Box B | Result Text Box displays 15 | Result Text Box displays 15 |  |
| 2 | Addition Functionality | Enter -3 in Input Box A and 7 in Input Box B | Result Text Box displays 4 | Result Text Box displays 4 |  |
| 3 | Addition Functionality | Enter 0 in Input Box A and 0 in Input Box B | Result Text Box displays 0 | Result Text Box displays 0 |  |
| 4 | Addition Functionality | Enter large numbers in Input Box A and B | Result Text Box displays sum | Result Text Box displays sum |  |
| 5 | Addition Functionality | Enter decimal numbers in Input Box A and B | Result Text Box displays sum | Result Text Box displays sum |  |
| 6 | Input Validation | Leave Input Box A empty and enter 5 in Box B | Error message displayed | Error message displayed |  |
| 7 | Input Validation | Enter characters in Input Box A and numbers in B | Error message displayed | Error message displayed |  |
| 8 | Input Validation | Enter special characters in both Input Boxes | Error message displayed | Error message displayed |  |
| 9 | Input Box A functionality | Enter a large number in Input Box A and 0 in B | Result Text Box displays sum | Result Text Box displays sum |  |
| 10 | Input Box B functionality | Enter 0 in Input Box A and a large number in B | Result Text Box displays sum | Result Text Box displays sum |  |

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| **Sr No** | **Test Feature** | **Test Steps** | **Expected Result** | **Actual Result** | **Status P/F** |
| 11 | Input Box A boundary value | Enter the maximum allowed value in Input Box A | Result Text Box displays sum | Result Text Box displays sum |  |
| 12 | Input Box B boundary value | Enter the maximum allowed value in Input Box B | Result Text Box displays sum | Result Text Box displays sum |  |
| 13 | ADD button functionality | Click ADD button without entering any values | Result Text Box empty | Result Text Box empty |  |
| 14 | ADD button functionality | Click ADD button after entering values in A and B | Result Text Box displays sum | Result Text Box displays sum |  |
| 15 | ADD button functionality | Click ADD button multiple times | Sum displayed correctly | Sum displayed correctly |  |
| 16 | Input Box A clear button | Enter a value in Input Box A, click clear button | Input Box A is empty | Input Box A is empty |  |
| 17 | Input Box B clear button | Enter a value in Input Box B, click clear button | Input Box B is empty | Input Box B is empty |  |
| 18 | Result Box clear button | After performing addition, click clear button | Result Text Box is empty | Result Text Box is empty |  |
| 19 | Performance | Rapidly enter values and click ADD button | Addition is performed quickly | Addition is performed quickly |  |
| 20 | Performance | Leave the program idle for a long time | Program remains responsive | Program remains responsive |  |