| **Test Case ID** | | SM\_01 | **Test Case Description** | | Add function | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | jallad | **Reviewed By** | | jallad | | **Version** | | 1.0 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | jallad | **Date Tested** | | 14-April-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | check\_user\_input | | |  | 1 | Num1 =4 | | | | |
| 2 | calculate | | |  | 2 | num2=8 | | | | |
| 3 |  | | |  | 3 |  | | | | |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Verify on entering valid user id and password, the customer can login | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|
| 1 | Add 4 to 8 | | 12 | | 12 | | | pass | | |
| 2 | Add negative values | | -12 | | -12 | | | pass | | |
| 3 | Add value to zero | | 8 | | 8 | | | pass | | |

| **Test Case ID** | | SM\_02 | **Test Case Description** | | substract function | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | jallad | **Reviewed By** | | jallad | | **Version** | | 1.0 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | jallad | **Date Tested** | | 14-April-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | check\_user\_input | | |  | 1 | Num1 =12 | | | | |
| 2 | calculate | | |  | 2 | num2=5 | | | | |
| 3 |  | | |  | 3 |  | | | | |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Verify on entering valid user id and password, the customer can login | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|
| 1 | substract 5 from 12 | | 7 | | 7 | | | pass | | |
| 2 | Sub negative values  -12,-5 | | -17 | | -17 | | | pass | | |
| 3 | Sub value from zero12,0 | | -12 | | -12 | | | pass | | |

| **Test Case ID** | | SM\_03 | **Test Case Description** | | Multiply function | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | jallad | **Reviewed By** | | jallad | | **Version** | | 1.0 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | jallad | **Date Tested** | | 14-April-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | check\_user\_input | | |  | 1 | Num1 =4 | | | | |
| 2 | calculate | | |  | 2 | num2=8 | | | | |
| 3 |  | | |  | 3 |  | | | | |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Verify on entering valid user id and password, the customer can login | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|
| 1 | multiply 4 and 8 | | 32 | | 32 | | | pass | | |
| 2 | Multiply negative values -4,-8 | | 32 | | 32 | | | pass | | |
| 3 | Multiply value and zero -8,0 | | 0 | | 0 | | | pass | | |

| **Test Case ID** | | SM\_04 | **Test Case Description** | | Divide function | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | jallad | **Reviewed By** | | jallad | | **Version** | | 1.0 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | jallad | **Date Tested** | | 14-April-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | check\_user\_input | | |  | 1 | Num1 =4 | | | | |
| 2 | calculate | | |  | 2 | num2=8 | | | | |
| 3 |  | | |  | 3 |  | | | | |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Verify on entering valid user id and password, the customer can login | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|
| 1 | Divide 8 and 4 | | 2 | | 2 | | | pass | | |
| 2 | Multiply negative values -4,-8 | | 2 | | 2 | | | pass | | |
| 3 | Multiply value and zero -8,0 | | error | | error | | | pass | | |
| 4 | Divide zero into number | | 0 | | 0 | | | pass | | |

| **Test Case ID** | | SM\_05 | **Test Case Description** | | Calculate function | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | jallad | **Reviewed By** | | jallad | | **Version** | | 1.0 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | jallad | **Date Tested** | | 14-April-2022 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | check\_user\_input | | |  | 1 | Num1 =4 | | | | |
| 2 | calculate | | |  | 2 | num2=8 | | | | |
| 3 |  | | |  | 3 | Num1 =null | | | | |
| 4 |  | | |  | 4 | num2=null | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Verify on entering valid user id and password, the customer can login | | | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Actual Results** | | | **Pass / Fail / Not executed / Suspended** | | |
|
| 1 | If num 1 or num2 ==null | | "inputs cant be null" | | print"inputs cant be null" | | | pass | | |
| 2 | If choice not in (1,2,3,4) | | "invalid choice" | | "invalid choice" | |  | pass | | |
| 3 | Choice =1 | | 12 | | 12 | | | pass | | |
| 4 | Choice =2 | | 4 | | 4 | | | pass | | |
| 5 | Choice =3 | | 32 | | 32 | | | pass | | |
| 6 | Choice =4 | | 2 | | 2 | | | pass | | |