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| **Ticket #** | **Ticket name** | **SubTicket no.** | **Bug Description** | **Explanation / Bug Steps:** |
| **1** | **Functionalities** | 1 | Clicking on numeric digit 8 it displays numeric value 7 on calculator screen. | 1. Open the calculator. 2. Click on the button which contains value ‘8’; 3. You will notice on calculator display screen it is displaying value ‘7’ instead of value 8. |
| 2 | Clicking on Equal “=” button it is displaying undefined value. | 1. Open the calculator. 2. Click on the equal “=” button; 3. You will notice that it is display “undefined” value on calculator displaying screen which is supposed to show ‘0’. |
| 3 | Click on “- + - 9” it display wrong output. | 1. Open the calculator. 2. Click on given values buttons “-> “- + - 9”. 3. Then click on equal button “=”; 4. You will notice that it displays ‘9’ on calculator screen |
| 4 | Click on “-\*-9”  It will display wrong output | 1. Open the calculator; 2. Click on the given values buttons-> “-\*-9”; 3. You will notice that on calculator screen the values remains the same as user entered, it only happens if we use these (\*,/ ) signs. |
| 5 | Clicking on a particular button several times , it still adds while the user is not able to see value on the display. | 1. Open the calculator.  2. Click on any button for several times  3. Observe that it still adds while the user is not able to see value on the display. |
| 6 | There is no default value in calculator | 1. Open the calculator; 2. You will notice that there is no default value on display screen which is supposed to be zero and if user insert a value it should be replaced with that value . |
| 6 | There is no decimal point button “.” in calculator | 1. When you open the calculator; 2. You will notice that there is no decimal point button on calculator for calculating float values. |
| 7 | Calculator is accepting alphabetical value. | 1. Open the calculator; 2. enter alphabetical value from keyboard or let it be any sign . 3. You will notice that it is accepting alphabetical values (negative values) as well and displaying them on calculator screen. |
| 2 | **Non- functional/UI** | 1 | Display on the calculator screen is from left to write | 1. OPen the calculator. 2. Enter the value by clicking on the button. 3. it starts displaying from left to write which is supposed to be from right to left . |
| 2 | There is extra free spacing in calculator’s GUI, between icons . | 1. Open the calculator; 2. Locate icon “7” and compare it to the icon ‘c” which is located below . 3. The first thing to notice on screen is irregular space between icons . |
| 3 | The button alignment is not accurate | 1. Open the calculator; 2. You will notice that alignment between most of buttons are not accurate. |
| 4 | The button size is not constant | 1. When you open the calculator; 2. You will notice that the size of button varies from each other are not constant or equal in size to each other. |
|  |  | 5 | The display size of page is very small comparatively . | 1. Open the calculator .   1. You can easily notice that the size of the app is way smaller compared to the screen size . |

**Bonus Task:  
Functional:**The suggestion for developers to above bugs are as following:

1. When user clicks on button “8” it is supposed to display the number ‘8’ instead of displaying wrong value which is “7”.
2. By clicking on equal button “=” the output should be displaying nothing on screen.
3. By clicking on desire value “-+-9” the expected output is “-9” but it is displaying wrong output which is 9.
4. By clicking on such values “-\*-6” the expected output is “-9” but it is displaying the existing entered value .
5. The existing sign or value on display screen is supposed to be replaced with new entry .
6. By default there “0” should be displaying on screen.
7. There should be decimal point “.” in calculator to calculate float values.
8. After getting the result , to perform another task , by default the previous result should be replaced with the new entry
9. Calculator should not accept alphabetical values rather than numeric and some special character.

**Non-functional/UI:**

1. The calculator values should be displayed from right to left.
2. There should be no extra space inside calculator, spacing should be equal from all sides.
3. Alignment of the buttons should be equal and presentable.
4. Size of the button should be equal to each other.