

Test cases for Tip Calculator:

- UI Test cases:

1. To test the size and position of the elements.
2. To test the width and height of the elements.
3. To check the font, whether it is readable or not.
4. To check the font color, whether it is suitable with the background color or not.
5. To check the alignment of texts, labels, buttons and textboxes.
6. To check the colors of elements, whether they are too bright.
7. To test the spellings.
8. To test whether the UI is interactive or not.
9. To test whether the fonts are properly aligned.
10. To check the user should not get frustrated while using application.

- Functional Test cases:

1. To check the tip per person must be calculated correctly.
2. To check the total amount per person must be calculated correctly.
3. To test the Bill amount is taking numbers only.
4. To test the Bill amount has a fixed max value, if crossed it is set to zero.
5. To test the Bill amount is not taking negative numbers.
6. To test the Tip % is only taking values between 0-100.
7. To test the Tip % takes only numbers.
8. To test the incrementor and decrementor button is incrementing/ decrementing in Tip %.
9. To test the incrementor and decrementor button in Tip % is not incrementing/ decrementing above 100 and below 0.
10. To test the number of people has a range between 1-1000.
11. To test the incrementor and decrementor button is incrementing/ decrementing in Number of people and not incrementing, decrementing below 1 and above 1000.
12. To check the number of people must take only numeric value.
13. To check the calculate button is working correctly and showing the correct values.
14. To check the reset button resets the default values in respective textboxes.
15. To check the minimize button, minimizes the application.
16. To check the close button, closes the application.