

GrapeCity Assignment – Tip Calculator

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Testing

1. Ensure the application is able to launch without any error for use.
2. Ensure the application is not crashing.
3. Verify if the text in the app is readable and clear.
4. Check if it throws an error if bill value is less than or equal to 0.
5. Check that the app still operates as intended, if the device resumes from inactive mode.
6. Check if Calculate button is working.
7. Check if input field is accepting inputs.
8. Check if ' + ' and ' - ' buttons are working and incrementing and decrementing values by one respectively.
9. Check if Tip % is going below 0 (Tip % \geq 0).
10. Check if number of persons (split) is going below 1 (Split number \geq 1).
11. Verify if the app does not stop the functioning of other apps.
12. Check if the results are accurate and precise.
13. Check if the bill is empty then the split value is NaN.
14. Check if the output value of split is precise up to two places of decimal.
15. Check if the application is resizable and responsive.
16. Check if the maximum digits of the input fields are enough.
17. Verify that the buttons are not too closely placed.
18. Verify the app doesn't crash when it is left for a long time and then used (Soak Test).
19. Check if the UI of the application is fair enough.
20. Check the CPU usage of the application by opening task manager.