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| TIP CALCULATOR |
| TEST CASES |
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| **KUBER ARORA** |
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| **Test Case ID:T001**  **Module Name : Launch of Application** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the application launch successfully (all specified fields appear). |
| Pre-Condition: (If Any) A valid runnable source code should be available. |
| Inputs: |
| Expected Outputs: The application should run successfully. |
| Post Conditions: The calculate button should be clickable as well as textboxes should be editable before each field to be filled. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T002**  **Module Name : Visibility Check** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that all the textboxes, button, text should be visible. |
| Pre-Condition: (If Any) Application should run successfully and textbox should be editable and buttons should be clickable. |
| Inputs: All the required fields should be filled. |
| Expected Outputs: required fields should accept the values. |
| Post Conditions: Application runs successfully and all the textboxes, buttons and text should be visible. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T003**  **Module Name : Billing Amount** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the billing amount should not be zero and negative. |
| Pre-Condition: (If Any) Application should run successfully and bill textbox should be editable. |
| Inputs: The value should be greater than zero. |
| Expected Outputs: |
| Post Conditions: If negative value entered it should show some error message. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T004**  **Module Name : Tip percentage** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the tip percentage should not accept negative value and zero. |
| Pre-Condition: (If Any) Application should run successfully and tip% textbox should be editable. |
| Inputs: The value should be positive and greater than zero. |
| Expected Outputs: |
| Post Conditions: If negative value or zero entered then it should show some error message. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T005**  **Module Name : Number of people** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the no. of people textbox should not accept negative value and zero. |
| Pre-Condition: (If Any) Application should run successfully and textbox should be editable. |
| Inputs: The value should be positive and greater than zero. |
| Expected Outputs: |
| Post Conditions: : If negative value or zero entered then it should show some error message. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T006**  **Module Name : Tip per person** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the tip per person should show per person tip value and precision up to 2 decimal places. |
| Pre-Condition: (If Any) Application should run successfully and value should be visible. |
| Inputs: All the textboxes should be filled . |
| Expected Outputs: The value should be visible with a precision up to 2 places and tip should not be greater than bill amount. |
| Post Conditions: If no value entered in the required field then it should show **NaN**. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T007**  **Module Name : Total per person** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the total per person should show per person value and precision up to 2 decimal places. |
| Pre- Condition: (If Any) Application should run successfully and value should be visible. |
| Inputs: All the textboxes should be filled. |
| Expected Outputs: The value should be visible with a precision up to 2 decimal places and should be less than bill amount. |
| Post Conditions: If no value entered in the required field then it should show **NaN**. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T008**  **Module Name : Calculate button** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the calculate button should be workable. |
| Pre-Condition: (If Any) Application should run successfully and required fields should be editable. |
| Inputs: All the required field should be filled. |
| Expected Outputs: The value should be visible with a precision up to 2 and a non-negative value in tip per person and total. |
| Post Conditions: If no value entered in the required field then it should show **NaN**. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T009**  **Module Name : Increment button** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that increment button should work properly. |
| Pre-Condition: (If Any) Application should run successfully and button should be clickable. |
| Inputs: On pressing button value should be incremented by 1. |
| Expected Outputs: The increment button should increment value by 1. |
| Post Conditions: |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T010**  **Module Name : Decrement button** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that decrement button should work properly. |
| Pre-Condition: (If Any) Application should run successfully and button should be clickable. |
| Inputs: On pressing decrement button should be decremented by 1. |
| Expected Outputs: The decrement button should decrement value by 1. |
| Post Conditions: |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T011**  **Module Name : Reset button** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the reset button works properly. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: Pressing reset button will clear all the fields. |
| Expected Outputs: All the textboxes must be rest. |
| Post Conditions: Application should works properly. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T012**  **Module Name : Error message** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that error message should be relevant and display properly. |
| Pre-Condition: (If Any) Application should run successfully and all the fields should be filled. |
| Inputs: All the required fields should be filled. |
| Expected Outputs: If any field left empty it should show the proper error message. |
| Post Conditions: Required field should be filled with proper value. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T013**  **Module Name : Colour of warning message** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the colour of warning/error message must be red. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: Fill all the required filled. |
| Expected Outputs: If left any field empty error /warning message must be displayed in red colour. |
| Post Conditions: All the error/warning fields should be filled. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T014**  **Module Name : Text readability** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that all the text is readable or not. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: |
| Expected Outputs: All the text should be readable. |
| Post Conditions: |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T015**  **Module Name : Alignments** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that all the textboxes and buttons are aligned properly. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: |
| Expected Outputs: All the textboxes and button should present on respective positions. |
| Post Conditions: |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T016**  **Module Name : TAB button** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the TAB button must be work properly to jump to another filed. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: Press TAB button to move to next field. |
| Expected Outputs: Pressing TAB it should move to the next field. |
| Post Conditions: |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T017**  **Module Name : Disabled Field** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that the disabled textboxes should not be editable. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: |
| Expected Outputs: Calculated values should be shown. |
| Post Conditions: |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T018**  **Module Name : Spell check** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that all the spelling is written correct. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: |
| Expected Outputs: |
| Post Conditions: |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T019**  **Module Name : Numeral check** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that all the textboxes should accept only numerical value. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: Fill all the textboxes with valid values and click calculate button. |
| Expected Outputs: The tip per person and total per person should show result. |
| Post Conditions: All the textboxes should accept numeral value and rest of the vales are restricted. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |

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| **Test Case ID:T020**  **Module Name : Required Field mark check** |
| **Section –I**  **(Before Execution)** |
| Purpose: Verify that all the required fields should marked with asterisk. |
| Pre-Condition: (If Any) Application should run successfully and works properly. |
| Inputs: |
| Expected Outputs: All the required fields should marked with asterisk. |
| Post Conditions: Applications run successfully and properly. |
| Written by: Kuber Arora |
| Date: 15th December, 2020 |