PROJECT: (WK-03) Telephone Bill

Test plan written by Darren Halpin

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|  | **INPUT VALUE(S)** | **REASON FOR TEST** | **EXPECTED OUTPUT** | **ACTUAL OUTPUT** |
| **TEST-01** | minutes\_used = 0 | Input value of zero should result in output values of 0. Simplest and lowest possible input value. | minutes\_used = **0** (input value)  basic\_call\_charge = (0 \* 0.15) = **0.00**  vat\_due = (0/100) \* 20 = **0.00**  total\_bill = 0 + 0 = **0.00** | minutes\_used = **0**  basic\_call\_charge = **0.00**  vat\_due = **0.00**  total\_bill = **0.00** |
| **TEST-02** | minutes\_used = 1 | Input value of 1 to test integer value. Simple low, predictable output. | minutes\_used = **1** (input value)  basic\_call\_charge = (1 \* 0.15) = **0.15**  vat\_due = (0.15/100) \* 20 = **0.03**  total\_bill = 0.15 + 0.03 = **0.18** | minutes\_used = **1**  basic\_call\_charge = **0.15**  vat\_due = **0.03**  total\_bill = **0.18** |
| **TEST-03** | minutes\_used = 65 | Input value of 65 to test integer value. Typical value. | minutes\_used = **65** (input value)  basic\_call\_charge = (65 \* 0.15) = **9.75**  vat\_due = (9.75/100) \* 20 = **1.95**  total\_bill = 0 + 0 = **11.70** | minutes\_used = **65**  basic\_call\_charge = **9.75**  vat\_due = **1.95**  total\_bill = **11.70** |