Robust Boundary Value Analysis: Kids Plan

Seven values per variable: x_{min-1}, x_{min}, x_{min+1}, x_{nom}, x_{max-1}, x_{max}, x_{max+1}

Variables that will be tested within the Withdrawal Functionality:

Case	dailyWithdrawalCount	withdrawAmount	dailyTransactionCount	accountBalance	Expected Outcome	Actual Outcome Round 1	Actual Outcome Round 2
1	$x_{min-1} = -1$	$x_{nom} = 25$	$x_{nom} = 3$	$x_{nom} = 532$	Failure	Failure	Failure
2	$x_{min} = 0$	25	3	532	Success	Failure	Success
3	$x_{min+1} = 1$	25	3	532	Success	Failure	Success
4	$x_{max-1} = 99$	25	3	532	Failure	Failure	Failure
5	$x_{max} = 100$	25	3	532	Failure	Failure	Failure
6	$x_{max+1} = 101$	25	3	532	Failure	Failure	Failure
7	$x_{nom} = 57$	$x_{min-1} = -1$	3	532	Failure	Failure	Failure
8	57	$x_{min} = 0$	3	532	Failure	Success	Failure
9	57	$x_{min+1} = 1$	3	532	Success	Failure	Success
10	57	$x_{max-1} = 4999$	3	532	Failure	Failure	Failure
11	57	$x_{max} = 5000$	3	532	Failure	Failure	Failure
12	57	$x_{max+1} = 5001$	3	532	Failure	Failure	Failure
13	57	25	$x_{min-1} = -1$	532	Failure	Failure	Failure
14	57	25	$x_{min} = 0$	532	Success	Failure	Success
15	57	25	$x_{min+1} = 1$	532	Success	Failure	Success
16	57	25	$x_{max-1} = 4$	532	Success	Failure	Success
17	57	25	$x_{max} = 5$	532	Failure	Failure	Failure
18	57	25	$x_{max+1} = 6$	532	Failure	Failure	Failure
19	57	25	3	$x_{min-1} = -1$	Failure	Failure	Failure

20	57	25	3	$x_{min} = 0$	Failure	Failure	Failure
21	57	25	3	$x_{min+1} = 1$	Failure	Failure	Failure
22	57	25	3	$x_{max-1} = 4999$	Success	Failure	Success
23	57	25	3	$x_{max} = 5000$	Success	Failure	Success
24	57	25	3	$x_{max+1} = 5001$	Failure	Failure	Failure
25	57	25	3	532	Success	Failure	Success

Variables that will be tested within the Deposit Functionality:

Case	dailyDepositCount	depositAmount	dailyTransactionCount	accountBalance	Expected Outcome	Actual Outcome Round 1	Actual Outcome Round 2
1	$x_{min-1} = -1$	$x_{nom} = 33$	$x_{nom} = 2$	$x_{nom} = 237$	Failure	Success	Failure
2	$x_{min} = 0$	33	2	237	Success	Success	Success
3	$x_{min+1} = 1$	33	2	237	Success	Success	Success
4	$x_{max-1} = 99$	33	2	237	Failure	Failure	Failure
5	$x_{max} = 100$	33	2	237	Failure	Failure	Failure
6	$x_{max+1} = 101$	33	2	237	Failure	Failure	Failure
7	$x_{nom} = 49$	$x_{min-1} = -1$	2	237	Failure	Failure	Failure
8	49	$x_{min} = 0$	2	237	Failure	Success	Failure
9	49	$x_{min+1} = 1$	2	237	Success	Success	Success
10	49	$x_{max-1} = 4999$	2	237	Failure	Failure	Failure
11	49	$x_{max} = 5000$	2	237	Failure	Failure	Failure
12	49	$x_{max+1} = 5001$	2	237	Failure	Failure	Failure
13	49	33	$x_{min-1} = -1$	237	Failure	Failure	Failure
14	49	33	$x_{min} = 0$	237	Success	Success	Success

15	49	33	$x_{min+1} = 1$	237	Success	Success	Success
16	49	33	$x_{max-1} = 4$	237	Success	Success	Success
17	49	33	$x_{max} = 5$	237	Failure	Failure	Failure
18	49	33	$x_{max+1} = 6$	237	Failure	Failure	Failure
19	49	33	2	$x_{min-1} = -1$	Failure	Failure	Failure
20	49	33	2	$x_{min} = 0$	Success	Success	Success
21	49	33	2	$x_{min+1} = 1$	Success	Success	Success
22	49	33	2	$x_{max-1} = 4999$	Failure	Failure	Failure
23	49	33	2	$x_{max} = 5000$	Failure	Failure	Failure
24	49	33	2	$x_{max+1} = 5001$	Failure	Failure	Failure
25	49	33	2	237	Success	Success	Success