Robust Boundary Value Analysis: Basic 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:

Note: $1 000 000 is used as a Plan simulation maximum for withdrawal and accountBalance

Case	dailyWithdrawCount	withdrawAmount	dailyTransaction Count	accountBalance	ExpectedOutcome	ActualOutcome
1	x_{min-1} = -1	30	7	1300	Failure	Success
2	x_{min} = 0	30	7	1300	Success	Success
3	x_{min+1} = 1	30	7	1300	Success	Success
4	x_{max-1} = 199	30	7	1300	Failure	Failure
5	x_{max} = 200	30	7	1300	Failure	Failure
6	x_{max+1} = 201	30	7	1300	Failure	Failure
7	x_{nom} = 157	30	7	1300	Success	Success
8	157	x_{min-1} = -1	7	1300	Failure	Success
9	157	x_{min} = 0	7	1300	Success	Success
10	157	x_{min+1} = 1	7	1300	Success	Success
11	157	x_{max-1} = 99999	7	1300	Failure	Failure
12	157	x_{max} = 1000000	7	1300	Failure	Failure
13	157	x_{max+1} =1000001	7	1300	Failure	Failure
14	157	30	x_{min-1} = -1	1300	Failure	Success
15	157	30	x_{min} = 0	1300	Success	Success
16	157	30	x_{min+1} = 1	1300	Success	Success
17	157	30	x_{max-1} = 9	1300	Success	Success
18	157	30	x_{max} = 10	1300	Failure	Failure

19	157	30	x_{max+1} = 11	1300	Failure	Failure
20	157	30	7	x_{min-1} = -1	Failure	Failure
21	157	30	7	x_{min} = 0	Failure	Failure
22	157	30	7	x_{min+1} = 1	Failure	Failure
23	157	30	7	x_{max-1} = 99999	Success	Success
24	157	30	7	x_{max} = 1000000	Success	Success
25	157	30	7	x_{max+1} = 1000001	Success	Success

Variables that will be tested within the Deposit Functionality:

Case	depositAmount	dailyTransactionCount	ExpectedOutcome	ActualOutcome
1	x_{min-1} = -1	7	Failure	Success
2	x_{min} = 0	7	Success	Success
3	x_{min+1} = 1	7	Success	Success
4	x_{max-1} = 99999	7	Success	Success
5	x_{max} = 1000000	7	Success	Success
6	x_{max+1} = 1000001	7	Success	Success
7	x_{nom} = 570	7	Success	Success
8	570	x_{min-1} = -1	Failure	Success
9	570	x_{min} = 0	Success	Success
10	570	x_{min+1} = 1	Success	Success
11	570	x_{max-1} = 9	Success	Success
12	570	x_{max} = 10	Failure	Failure
13	570	x_{max+1} = 11	Failure	Failure