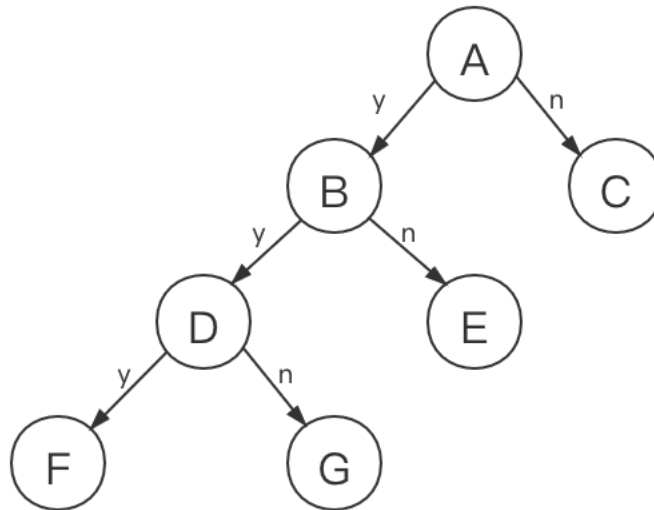


LoginActivity Unit Test

This test verifies the login module covering all the paths in the control-flow graph. The control-flow graph of login module is as follows:



Inputs:

A: Name exist

B: Password is correct

D: account is an admin

Outputs:

C: show the alert: account doesn't exist

E: show the alert: password is wrong

F: Admin login successfully

G: User login successfully

Test suite with path coverage:

1) A, B, D

2) \bar{A} , ?, ?

3) A, \bar{B} , ?

4) A, B, \bar{D}

"?" means "don't care" for the respective input.

"LoginActivityTest.java" tests these four cases and all of them pass, the result is shown in the file "Test Results – LoginActivityTest.xml".