Figure 2: EFSM of ACCOUNT-2

PIN(x)[(x!=pn)&&(attempts<2)] /
incorrect pin msg; attempts++

WITHDRAW(w)[b>0] / b=b-w

DEPOSIT(d) / b=b+d

check pin

PIN(x)[x==pn] /
display menu

ready

BALANCE / display value of b

LOGOUT

LOGIN(y)[
y==id] /
attempts=0;
prompt for PIN

PIN(x)[
(x!=pn)&&(attempts==2)] /
incorrect pin msg; too many
attempts msg

WITHDRAW(x)[b<=0] / no funds msg

LOGOUT

idle

OPEN(p,y,a) / pn=p; b=a; id=y

LOGIN(y)[y!=id] / incorrect ID msg

activate

suspend

BALANCE / display value of b

suspended

close