

ACCOUNT-1
MDA-EFSM *m DataStore *ds
open() pin() deposit() withdraw() balance() login() logout() lock() unlock()

ACCOUNT-2
MDA-EFSM *m DataStore *ds
OPEN() PIN() DEPOSIT() WITHDRAW() BALANCE() LOGIN() LOGOUT() suspend() activate() close()

MDA-EFSM
OP *p int attempts
Open() Login() IncorrectLogin() IncorrectPin() CorrectPinBelowMin() CorrectPinAboveMin() Deposit() BelowMinBalance() AboveMinBalance() Logout() Balance() Withdraw() WithdarwBelowMinBalance() NoFunds() Lock() IncorrectLock() Unlock() IncorrectUnlock() Suspend() Activate() Close()

OP
DataStore *ds
StoreData() IncorrectIdMsg() IncorrectPinMsg() TooManyAttemptsMsg() DisplayMenu() MakeDeposit() DisplayBalance() PromptForPin() MakeWithdraw() Penalty() IncorrectLockMsg() IncorrectUnlockMsg() NoFundsMsg()

DataStore

DS-1
int temp_p int temp_y int temp_a int temp_d int temp_w int balance int pin int id

DS-2
float temp_a int temp_y int temp_p float temp_d float temp_w int pin float balance int id

