UML diagrams for ATM application

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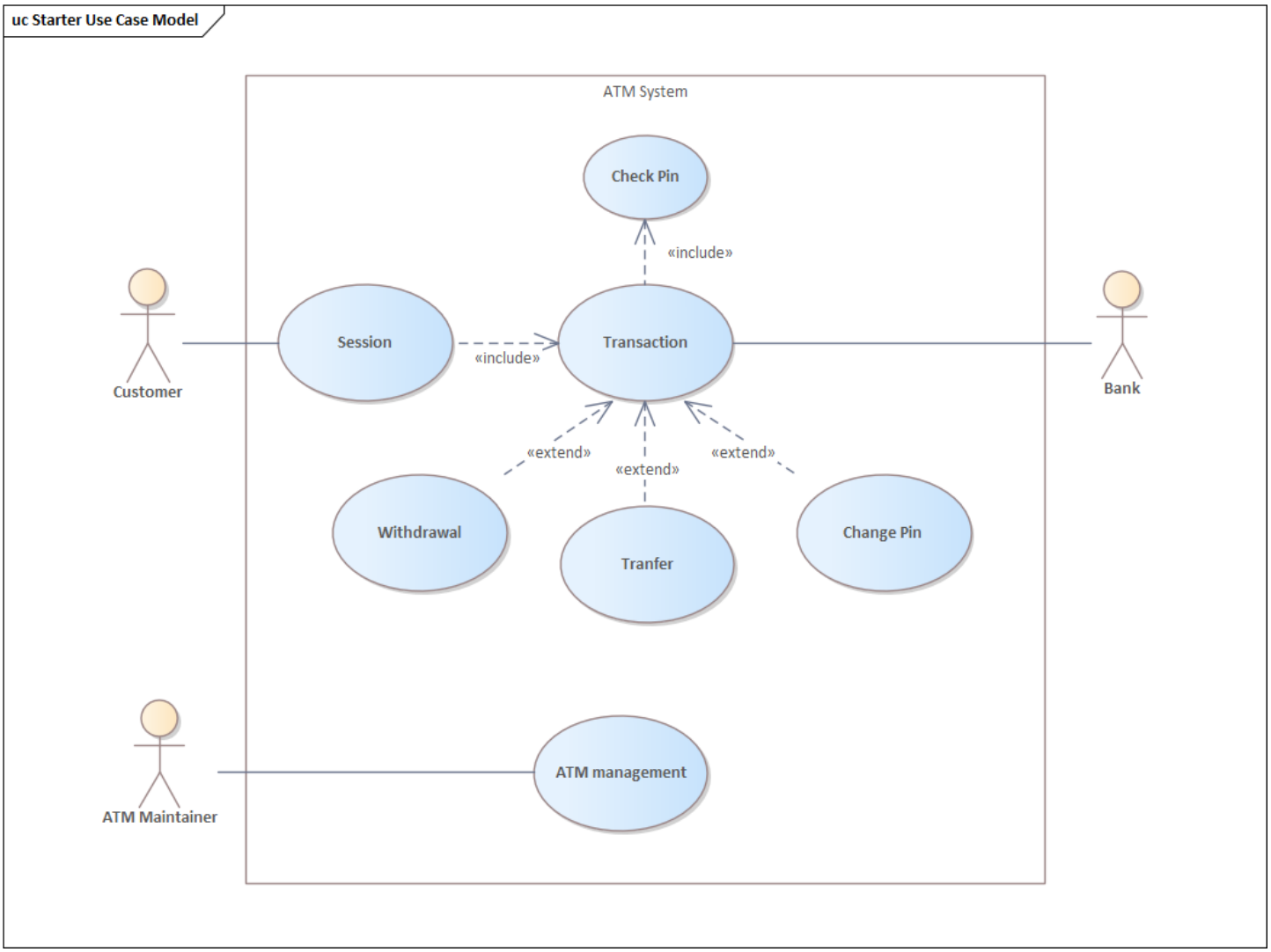
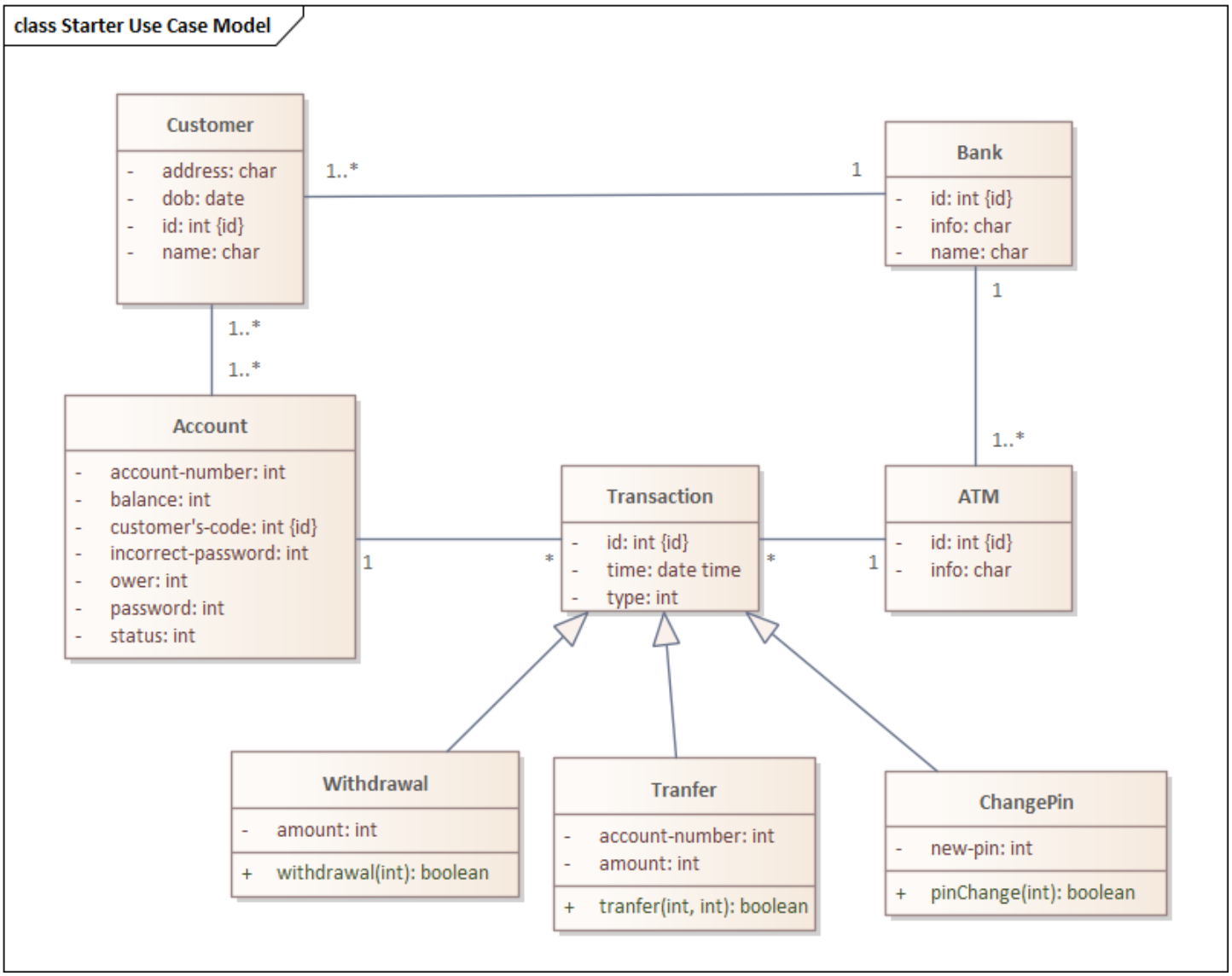
Use case diagram

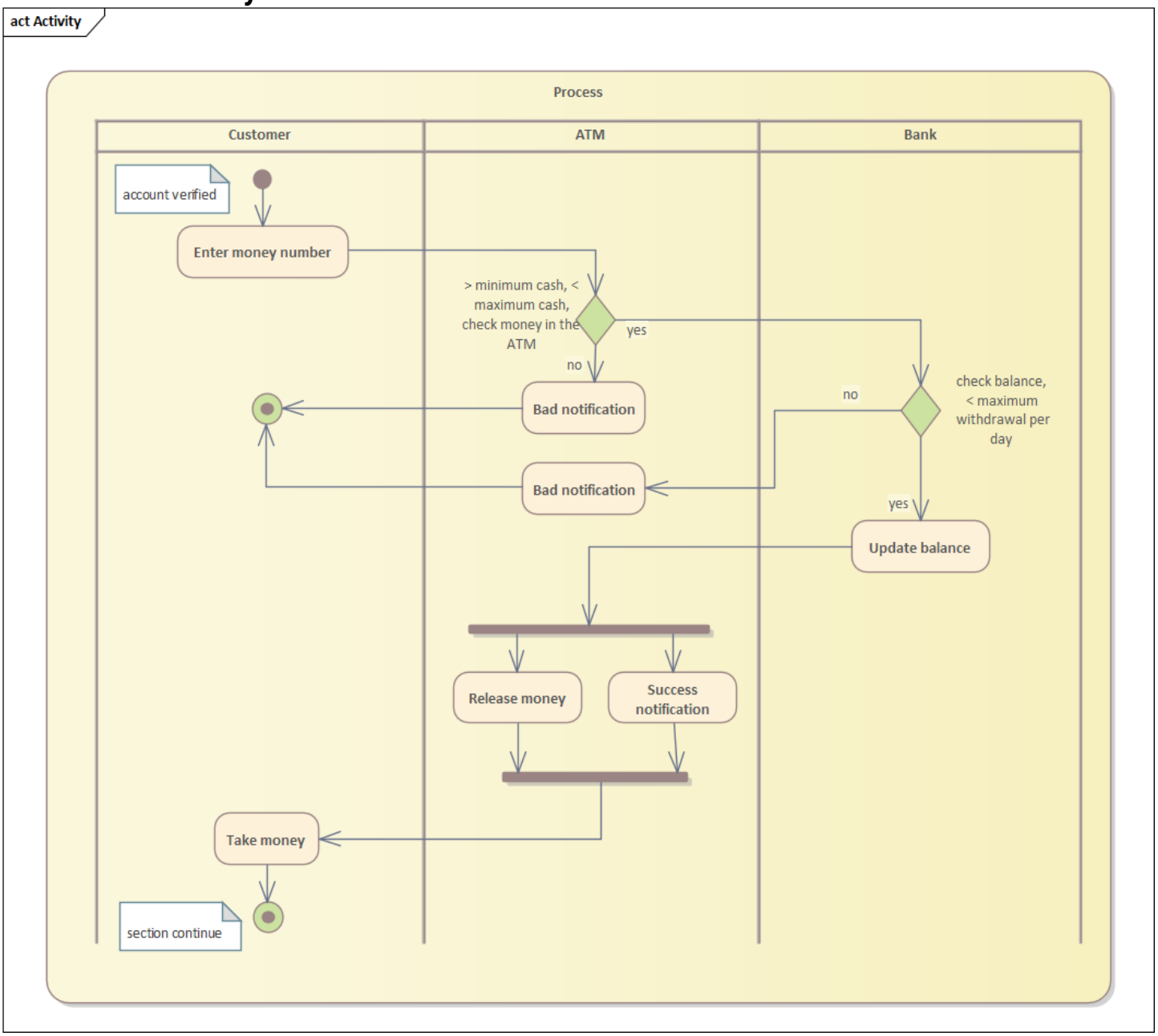


Class diagrams

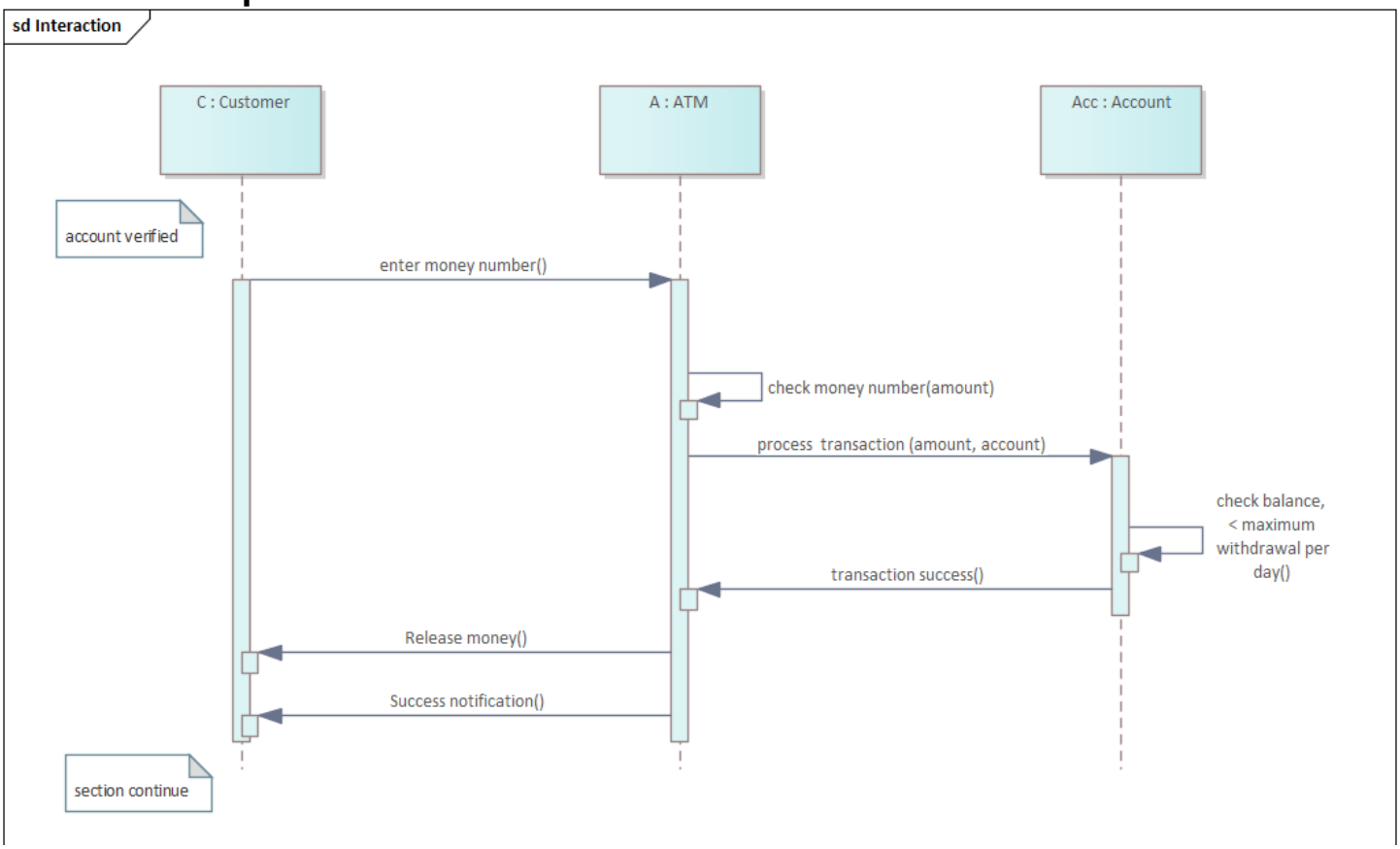


1. Withdrawal

a. Activity

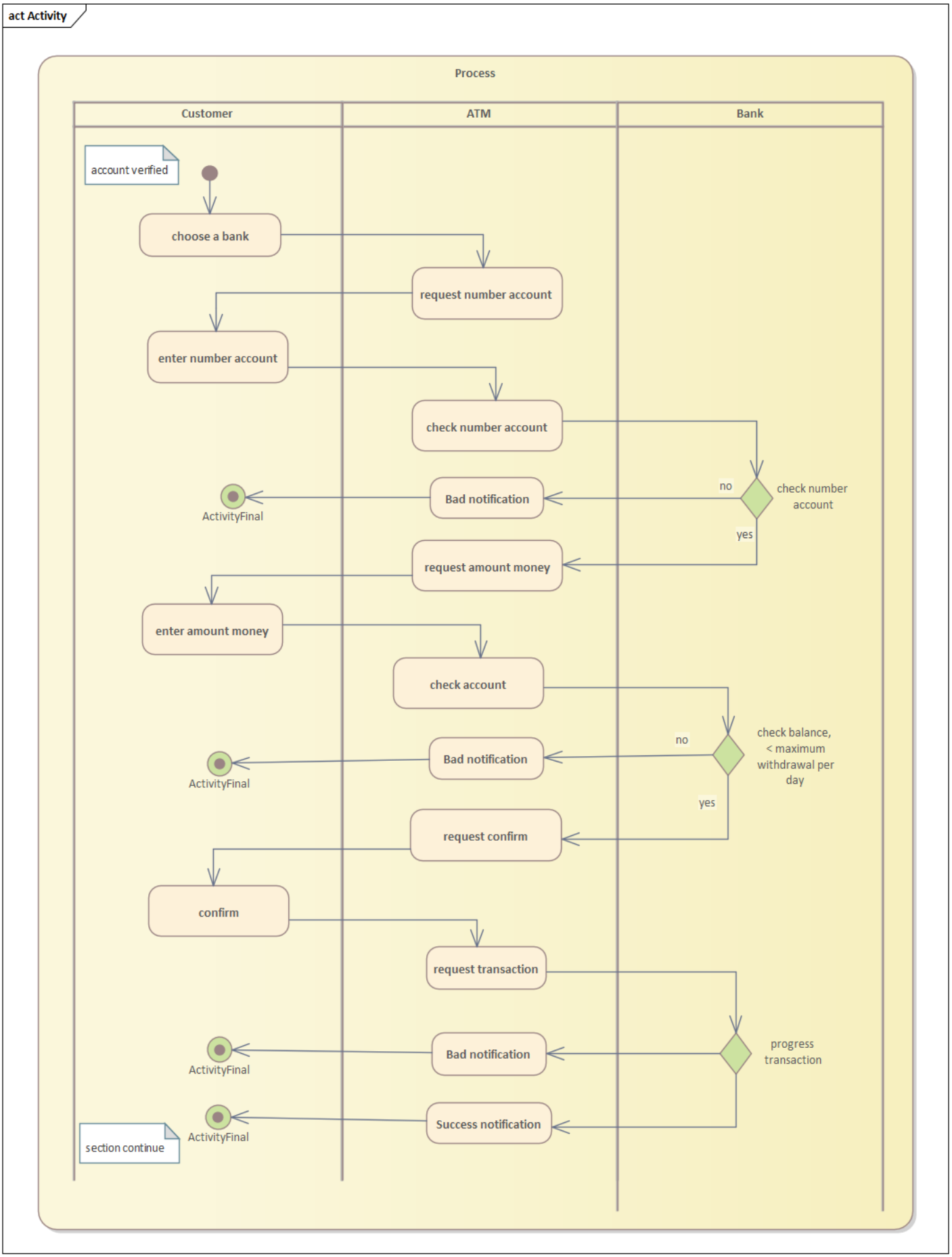


b. Sequence

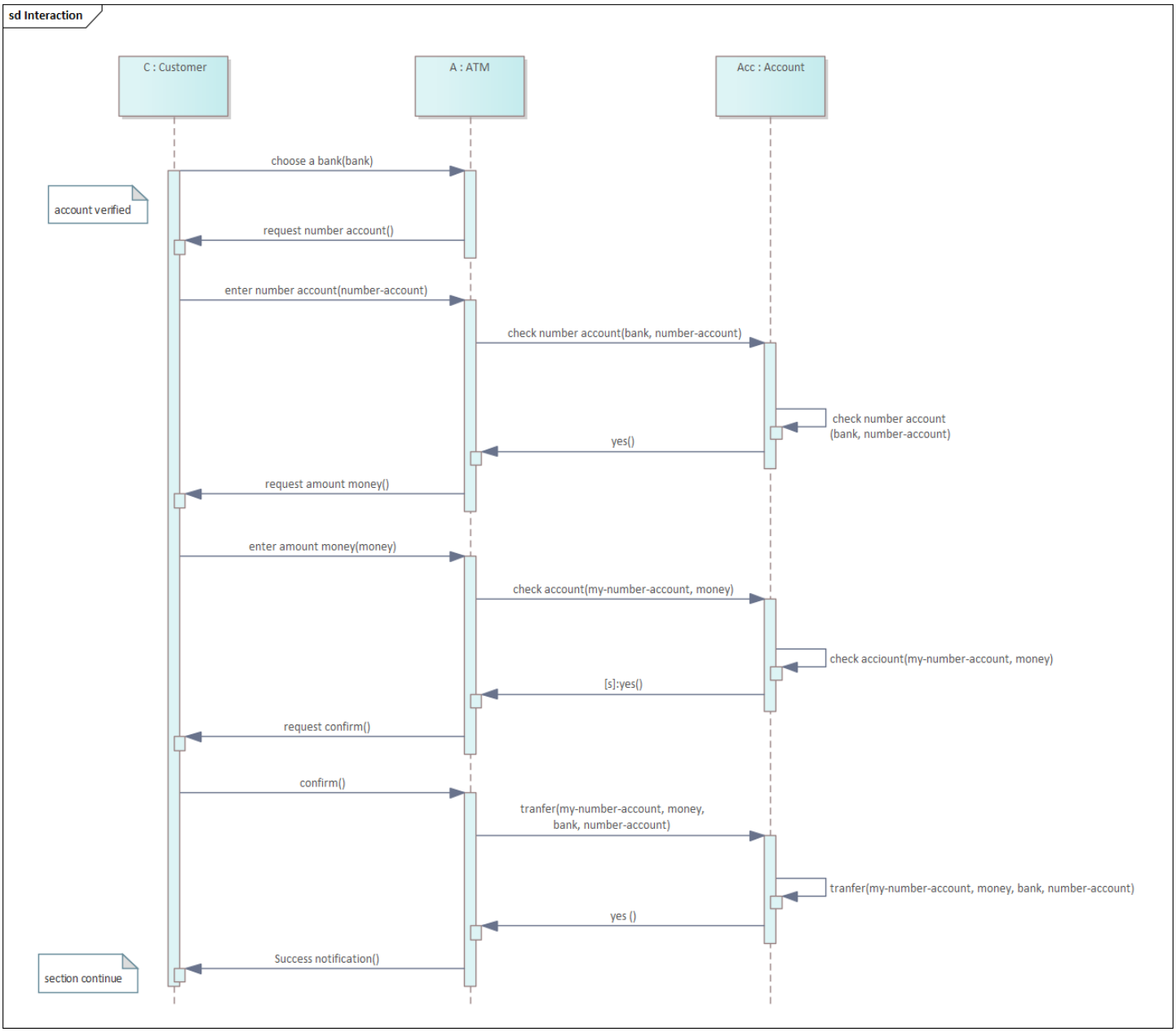

sd Interaction
C : Customer
A : ATM
Acc : Account
account verified
enter money number()
check money number(amount)
process transaction (amount, account)
check balance, < maximum withdrawal per day()
transaction success()
Release money()
Success notification()
section continue

2. Tranfer

a. Activity



b. Sequence


sd Interaction
C : Customer
A : ATM
Acc : Account
choose a bank(bank)
account verified
request number account()
enter number account(number-account)
check number account(bank, number-account)
check number account
(bank, number-account)
yes()
request amount money()
enter amount money(money)
check account(my-number-account, money)
check acciount(my-number-account, money)
[s]:yes()
request confirm()
confirm()
tranfer(my-number-account, money,
bank, number-account)
tranfer(my-number-account, money, bank, number-account)
yes ()
Success notification()
section continue