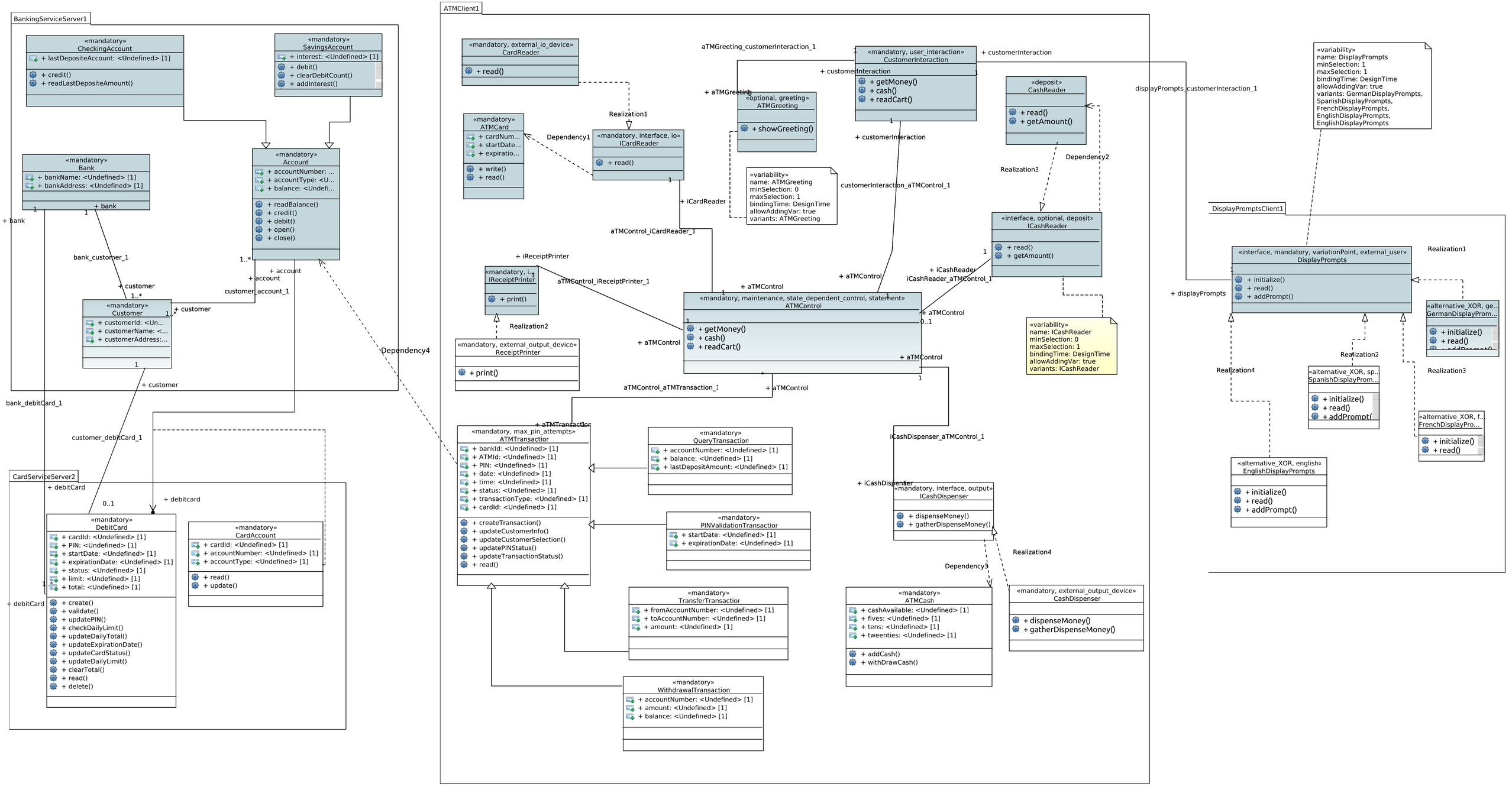
BankingServiceServer1
«mandatory» CheckingAccount
+ lastDepositeAccount: <Undefined> [1]
+ credit()
+ readLastDepositeAmount()
«mandatory» SavingsAccount
+ interest: <Undefined> [1]
+ debit()
+ clearDebitCount()
+ addInterest()
«mandatory» Bank
+ bankName: <Undefined> [1]
+ bankAddress: <Undefined> [1]
«mandatory» Account
+ accountNumber: ...
+ accountType: <U...
+ balance: <Undefi...
+ readBalance()
+ credit()
+ debit()
+ open()
+ close()
«mandatory» Customer
+ customerId: <Un...
+ customerName: <...
+ customerAddress:...
+ bank
+ bank
bank_customer_1
+ customer
+ account
customer_account_1
+ customer
+ account
+ customer
bank_debitCard_1
customer_debitCard_1
Dependency4
CardServiceServer2
+ debitCard
+ debitcard
«mandatory» DebitCard
+ cardId: <Undefined> [1]
+ PIN: <Undefined> [1]
+ startDate: <Undefined> [1]
+ expirationDate: <Undefined> [1]
+ status: <Undefined> [1]
+ limit: <Undefined> [1]
+ total: <Undefined> [1]
+ create()
+ validate()
+ updatePIN()
+ checkDailyLimit()
+ updateDailyTotal()
+ updateExpirationDate()
+ updateCardStatus()
+ updateDailyLimit()
+ clearTotal()
+ read()
+ delete()
«mandatory» CardAccount
+ cardId: <Undefined> [1]
+ accountNumber: <Undefined> [1]
+ accountType: <Undefined> [1]
+ read()
+ update()
ATMClient1
«mandatory, external_io_device» CardReader
+ read()
Realization1
«mandatory» ATMCard
+ cardNum...
+ startDate...
+ expiratio...
+ write()
+ read()
Dependency1
«mandatory, interface, io» ICardReader
+ read()
+ iCardReader
aTMControl_iCardReader_1
aTMGreeting_customerInteraction_1
«mandatory, user_interaction» CustomerInteraction
+ getMoney()
+ cash()
+ readCart()
+ customerInteraction
+ customerInteraction
+ customerInteraction
+ aTMGreeting
«optional, greeting» ATMGreeting
+ showGreeting()
«variability»
name: ATMGreeting
minSelection: 0
maxSelection: 1
bindingTime: DesignTime
allowAddingVar: true
variants: ATMGreeting
customerInteraction_aTMControl_1
«deposit» CashReader
+ read()
+ getAmount()
Dependency2
Realization3
«interface, optional, deposit» ICashReader
+ read()
+ getAmount()
+ iCashReader
iCashReader_aTMControl_1
«variability»
name: ICashReader
minSelection: 0
maxSelection: 1
bindingTime: DesignTime
allowAddingVar: true
variants: ICashReader
displayPrompts_customerInteraction_1
«variability»
name: DisplayPrompts
minSelection: 1
maxSelection: 1
bindingTime: DesignTime
allowAddingVar: true
variants: GermanDisplayPrompts, SpanishDisplayPrompts, FrenchDisplayPrompts, EnglishDisplayPrompts, EnglishDisplayPrompts
+ iReceiptPrinter
«mandatory, i... IReceiptPrinter»
+ print()
aTMControl_iReceiptPrinter_1
Realization2
«mandatory, external_output_device» ReceiptPrinter
+ print()
+ aTMControl
«mandatory, maintenance, state_dependent_control, statement» ATMControl
+ getMoney()
+ cash()
+ readCart()
+ aTMControl
+ aTMControl
+ aTMControl
+ aTMControl
+ aTMControl
aTMControl_aTMTransaction_1
+ aTMControl
«mandatory, max_pin_attempts» ATMTransactior
+ bankId: <Undefined> [1]
+ ATMId: <Undefined> [1]
+ PIN: <Undefined> [1]
+ date: <Undefined> [1]
+ time: <Undefined> [1]
+ status: <Undefined> [1]
+ transactionType: <Undefined> [1]
+ cardId: <Undefined> [1]
+ createTransaction()
+ updateCustomerInfo()
+ updateCustomerSelection()
+ updatePINStatus()
+ updateTransactionStatus()
+ read()
«mandatory» QueryTransactior
+ accountNumber: <Undefined> [1]
+ balance: <Undefined> [1]
+ lastDepositAmount: <Undefined> [1]
«mandatory» PINValidationTransactior
+ startDate: <Undefined> [1]
+ expirationDate: <Undefined> [1]
«mandatory» TransferTransactior
+ fromAccountNumber: <Undefined> [1]
+ toAccountNumber: <Undefined> [1]
+ amount: <Undefined> [1]
«mandatory» WithdrawalTransaction
+ accountNumber: <Undefined> [1]
+ amount: <Undefined> [1]
+ balance: <Undefined> [1]
iCashDispenser_aTMControl_1
+ iCashDispenser
«mandatory, interface, output» ICashDispenser
+ dispenseMoney()
+ gatherDispenseMoney()
Realization4
Dependency3
«mandatory» ATMCash
+ cashAvailable: <Undefined> [1]
+ fives: <Undefined> [1]
+ tens: <Undefined> [1]
+ tweenties: <Undefined> [1]
+ addCash()
+ withDrawCash()
«mandatory, external_output_device» CashDispenser
+ dispenseMoney()
+ gatherDispenseMoney()
DisplayPromptsClient1
«interface, mandatory, variationPoint, external_user» DisplayPrompts
+ initialize()
+ read()
+ addPrompt()
+ displayPrompts
Realization1
«alternative_XOR, ge... GermanDisplayProm...»
+ initialize()
+ read()
Realization2
«alternative_XOR, sp... SpanishDisplayProm...»
+ initialize()
+ read()
+ addPrompt(
Realization3
«alternative_XOR, f... FrenchDisplayPro...»
+ initialize()
+ read()
Realization4
«alternative_XOR, english» EnglishDisplayPrompts
+ initialize()
+ read()
+ addPrompt()