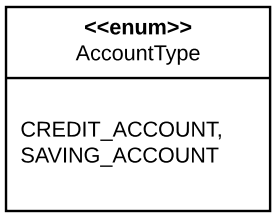
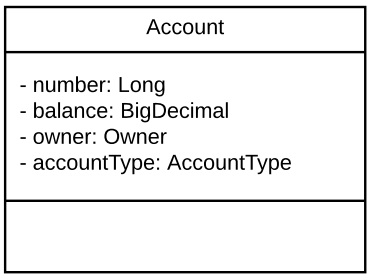
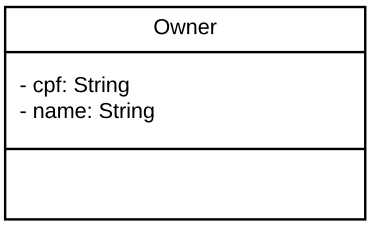
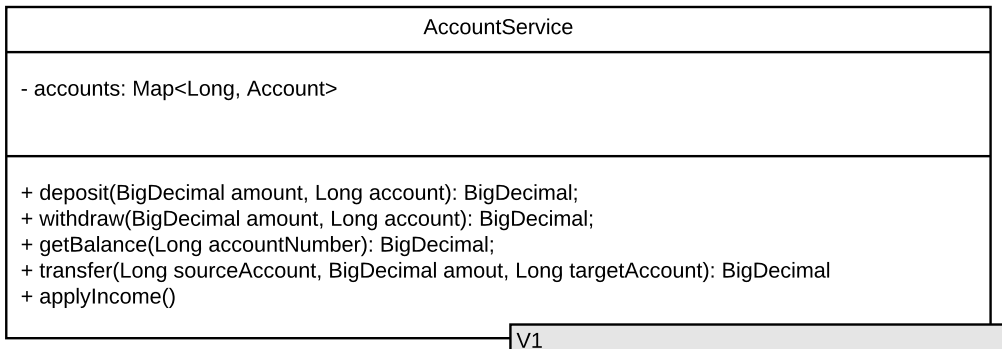




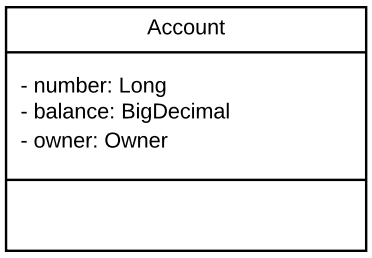


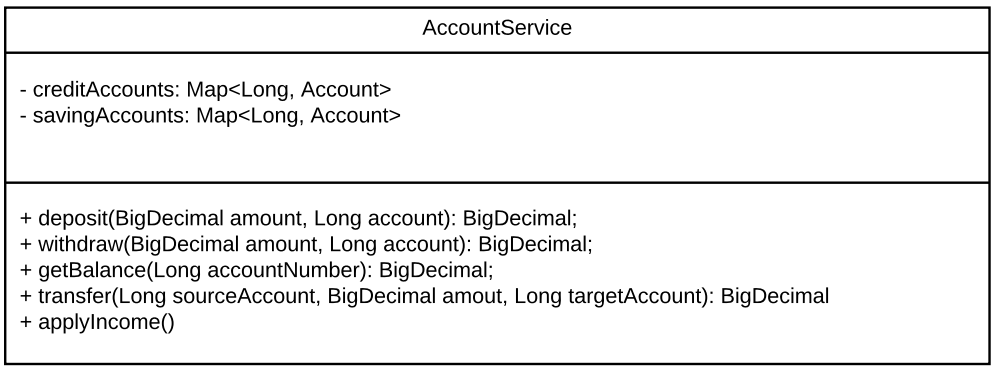


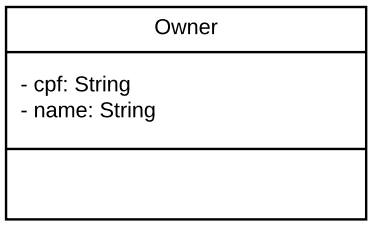
V1

PROS
- interface transparent to user, deposit, withdraw, transfer does not need to know about account specs
- one acess to accounts data (all in one place)

CONS
- apply income must iterate through all accounts, only one data structure
- code complexity (conditionals checking account types)
- coupling, change in creditAccount withdraw may affect saving account



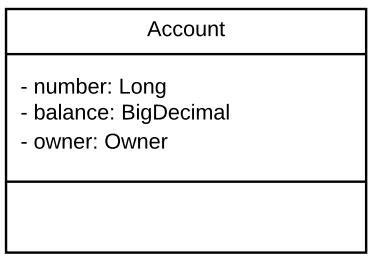


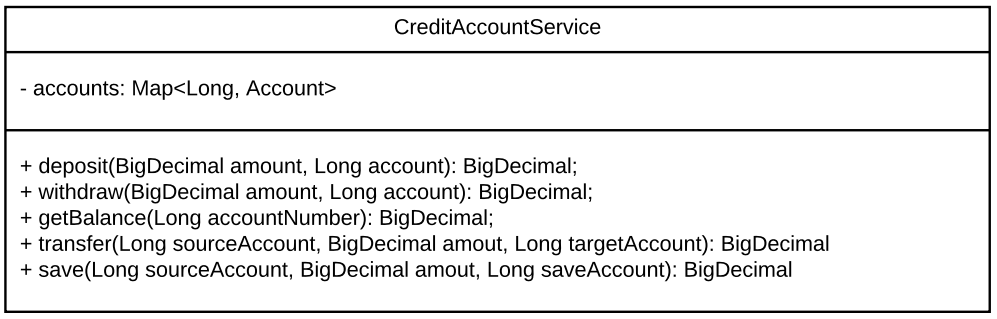


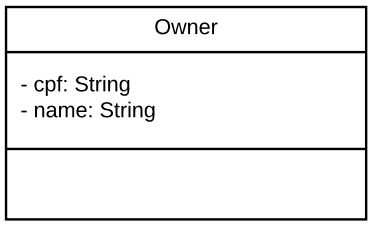
V2

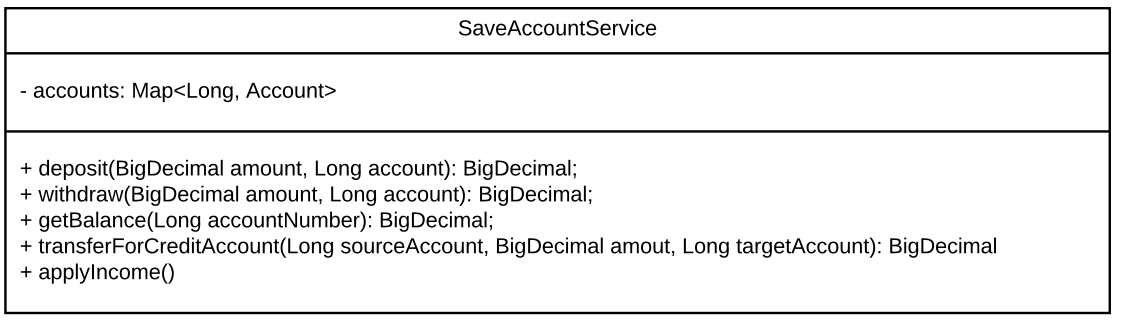
PROS
- interface transparent to user, deposit, withdraw, transfer does not need to know about account specs
- apply income just need to iterate through desired objects

CONS
- all operations must look into two data structure to find desired acocunt
- code complexity (conditionals checking account types)
- coupling, change in creditAccount withdraw may affect saving account









V3

PROS
- simple methods doing one thing
- less coupling, save accounts rules can change without affecting normal accounts
- one access to data structure in all operations
- apply income just need to iterate through desired objects

CONS
- user must know data type (save/credit account) of account he is using