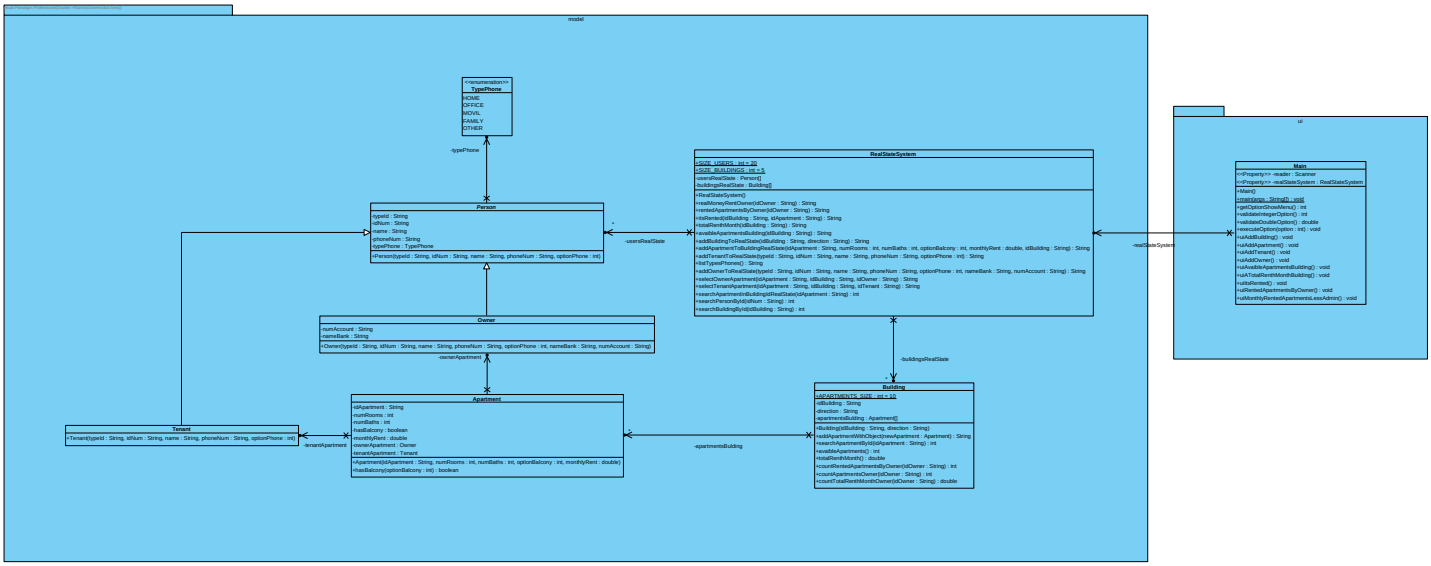
model
<<enumeration>>
TypePhone
HOME
OFFICE
MOVIL
FAMILY
OTHER
-typePhone
Person
-typeId : String
-idNum : String
-name : String
-phoneNum : String
-typePhone : TypePhone
+Person(typeId : String, idNum : String, name : String, phoneNum : String, optionPhone : int)
-usersRealState
RealStateSystem
-SIZE_USERS : int = 20
-SIZE_BUILDINGS : int = 5
-usersRealState : Person[]
-buildingsRealState : Building[]
+RealStateSystem()
+readMoneyRentOwner(idOwner : String) : String
+rentedApartmentsByOwner(idOwner : String) : String
+totalRentedMonth(idBuilding : String, idApartment : String) : String
+totalRentMonth(idBuilding : String) : String
+available ApartmentsBuilding(idBuilding : String) : String
+addBuildingToRealState(idBuilding : String, direction : String) : String
+addApartmentToBuildingRealState(idApartment : String, numRooms : int, numBaths : int, optionBalcony : int, monthlyRent : double, idBuilding : String) : String
+addTenantToRealStateby(typeId : String, idNum : String, name : String, phoneNum : String, optionPhone : int) : String
+listTypesPhones() : String
+addOwnerToRealStateby(typeId : String, idNum : String, name : String, phoneNum : String, optionPhone : int, nameBank : String, numAccount : String) : String
+selectOwnerApartment(idApartment : String, idBuilding : String, idOwner : String) : String
+selectTenantApartment(idApartment : String, idBuilding : String, idTenant : String) : String
+searchApartmentInBuildingIdRealState(idApartment : String) : int
+searchPersonById(idNum : String) : int
+searchBuildingById(idBuilding : String) : int
-buildingsRealState
ui
Main
<<Property>> -reader : Scanner
<<Property>> -realStateSystem : RealStateSystem
+Main()
+main(args : String[]) : void
+getOptionShowMenu() : int
+validateIntegerOption() : int
+validateDoubleOption() : double
+executeOption(option : int) : void
+doAddBuilding() : void
+doAddApartments() : void
+doAddTenant() : void
+doAddOwner() : void
+doAvailableApartmentsBuilding() : void
+doATotalRentMonthBuilding() : void
+doRoRented() : void
+doRentedApartmentsByOwner() : void
+doMonthlyRentedApartmentsLessAdmin() : void
-realStateSystem
Owner
-numAccount : String
-nameBank : String
+Owner(typeId : String, idNum : String, name : String, phoneNum : String, optionPhone : int, nameBank : String, numAccount : String)
-ownerApartment
Tenant
+Tenant(typeId : String, idNum : String, name : String, phoneNum : String, optionPhone : int)
-tenantApartment
Apartment
-idApartment : String
-numRooms : int
-numBaths : int
-hasBalcony : boolean
-monthlyRent : double
-ownerApartment : Owner
-tenantApartment : Tenant
+Apartment(idApartment : String, numRooms : int, numBaths : int, optionBalcony : int, monthlyRent : double)
+hasBalcony(optionBalcony : int) : boolean
-apartmentsBuilding
Building
-APARTMENTS_SIZE : int = 10
-idBuilding : String
-direction : String
-apartmentsBuilding : Apartment[]
+Building(idBuilding : String, direction : String)
+addApartmentWithObject(newApartment : Apartment) : String
+searchApartmentById(idApartment : String) : int
+available Apartments() : int
+totalRentMonth() : double
+countRentedApartmentsByOwner(idOwner : String) : int
+countApartmentsOwner(idOwner : String) : int
+countTotalRentMonthOwner(idOwner : String) : double