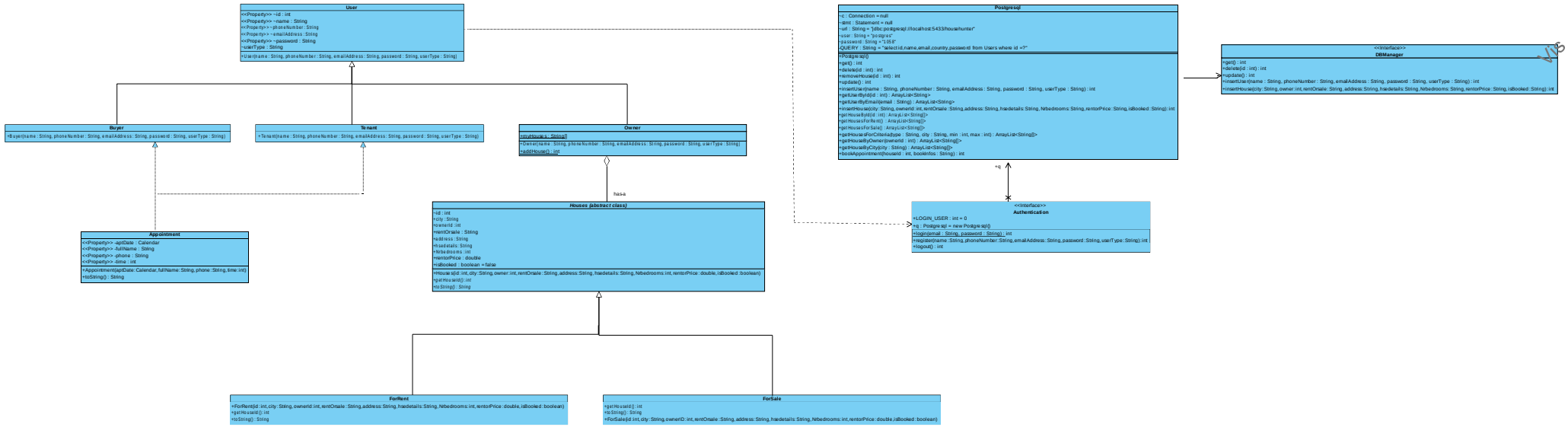
User
<<Property>> -id : int
<<Property>> -name : String
<<Property>> -phoneNumber : String
<<Property>> -emailAddress : String
<<Property>> -password : String
-userType : String
+User(name : String, phoneNumber : String, emailAddress : String, password : String, userType : String)
Buyer
+Buyer(name : String, phoneNumber : String, emailAddress : String, password : String, userType : String)
Tenant
+Tenant(name : String, phoneNumber : String, emailAddress : String, password : String, userType : String)
Owner
+myHouses : String[]
+Owner(name : String, phoneNumber : String, emailAddress : String, password : String, userType : String)
+addHouse() : int
has-a
Appointment
<<Property>> -aptDate : Calendar
<<Property>> -fullName : String
<<Property>> -phone : String
<<Property>> -time : int
+Appointment(aptDate: Calendar, fullName: String, phone: String, time: int)
+toString() : String
Houses (abstract class)
-id : int
+city : String
+ownerId : int
+rentOrsale : Stking
+address : String
+hsedetails: String
+Nrbedrooms : int
+rentorPrice : doublle
+isBooked : boolean = false
+House s(id : int, city : String, owner: int, rentOrsale : String, address: String, hsedetails: String, Nrbedrooms: int, rentorPrice: double, isBooked : boolean)
+getHouseId() : int
+toString() : String
ForRent
+ForRent(id: int, city: String, ownerId: int, rentOrsale : String, address: String, hsedetails: String, Nrbedrooms: int, rentorPrice: double, isBooked : boolean)
+getHouseId() : int
+toString() : String
ForSale
+getHouseId() : int
+toString() : String
+ForSale(id: int, city: String, ownerID: int, rentOrsale : String, address: String, hsedetails: String, Nrbedrooms: int, rentorPrice: doublle, isBooked : boolean)
Postgresql
-c : Connection = null
-stmt : Statement = null
-url : String = "jdbc:postgresql://localhost:5433/househunter"
-user : String = "postgres"
-password : String = "1358"
-QUERY : String = "select id,name,email,country,password from Users where id =?"
+Postgresql()
+get() : int
+delete(id : int) : int
+removeHouse(id : int) : int
+update() : int
+insertUser(name : String, phoneNumber : String, emailAddress : String, password : String, userType : String) : int
+getUserById(id : int) : ArrayList<String>
+getUserByEmail(email : String) : ArrayList<String>
+insertHouse(city: String, ownerId: int, rentOrsale : String, address: String, hsedetails: String, Nrbedrooms: String, rentorPrice: String, isBooked : String): int
+getHouseById(id : int) : ArrayList<String[]>
+getHousesForRent() : ArrayList<String[]>
+getHousesForSale() : ArrayList<String[]>
+getHousesForCriteria(type : String, city : String, min : int, max : int) : ArrayList<String[]>
+getHouseByOwner(ownerId : int) : ArrayList<String[]>
+getHouseByCity(city : String) : ArrayList<String[]>
+bookAppointment(houseId : int, bookInfos : String) : int
<<Interface>>
DBManager
+get() : int
+delete(id : int) : int
+update() : int
+insertUser(name : String, phoneNumber : String, emailAddress : String, password : String, userType : String) : int
+insertHouse(city: String, owner: int, rentOrsale: String, address: String, hsedetails: String, Nrbedrooms: String, rentorPrice: String, isBooked: String): int
V15
+q
<<Interface>>
Authentication
+LOGIN_USER : int = 0
+q : Postgresql = new Postgresql()
+login(email : String, password : String) : int
+register(name : String, phoneNumber : String, emailAddress: String, password: String, userType: String): int
+logout() : int