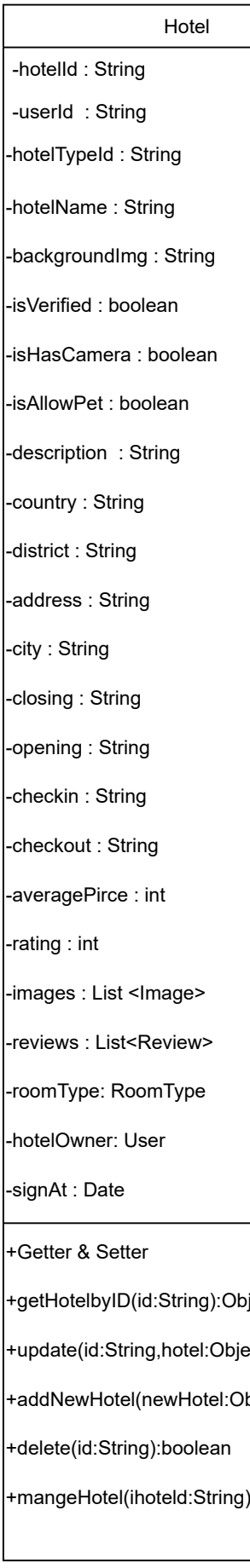
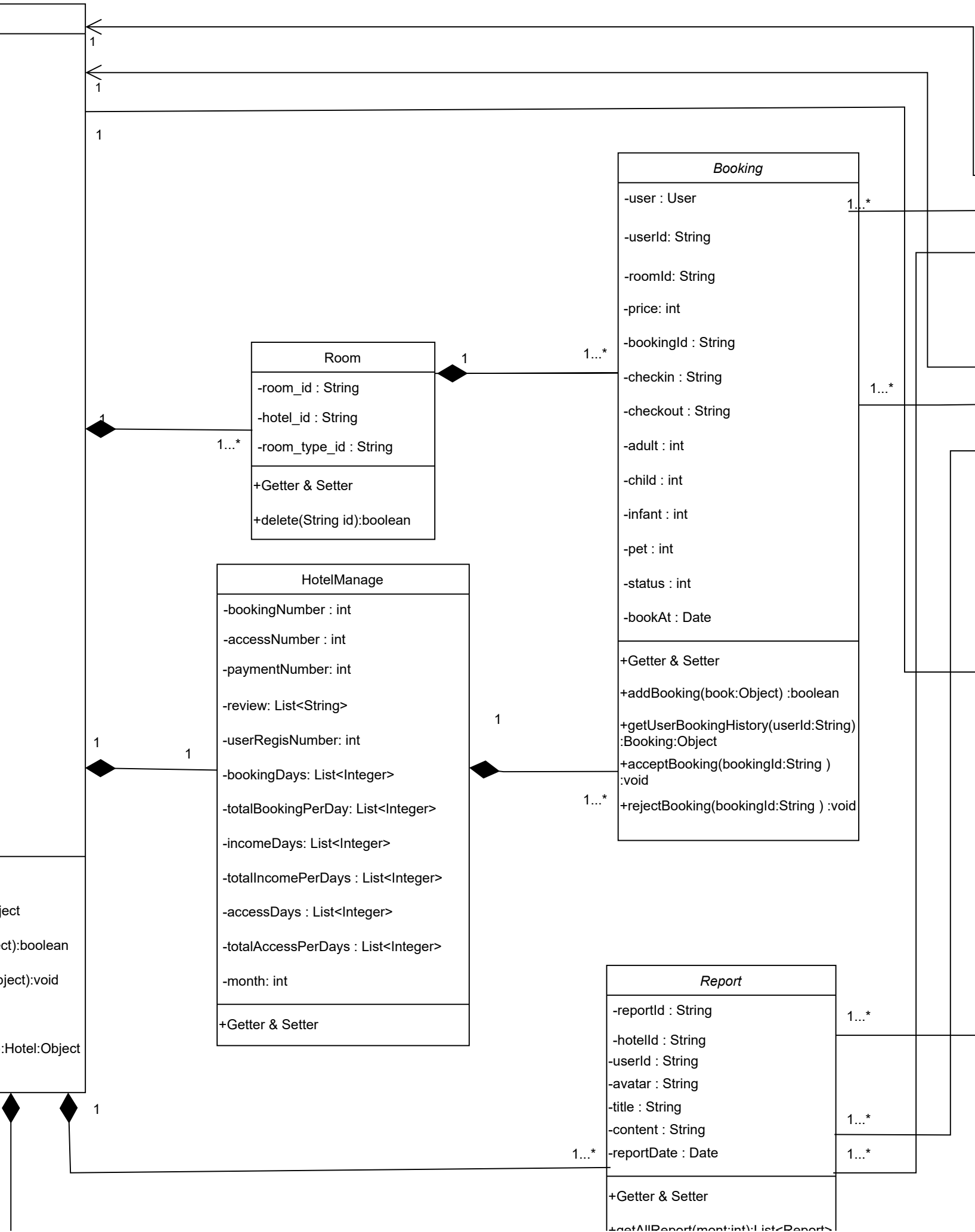
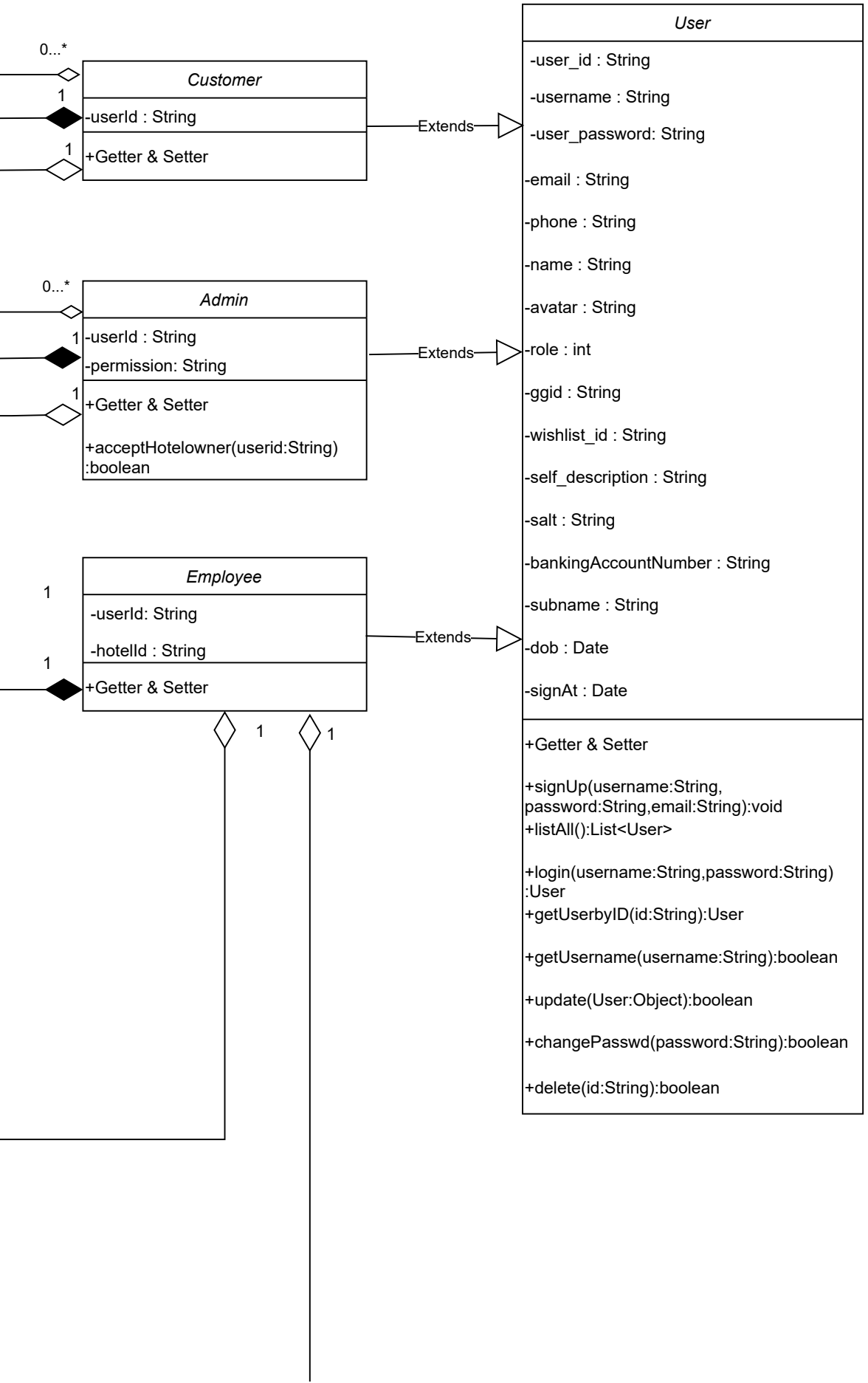
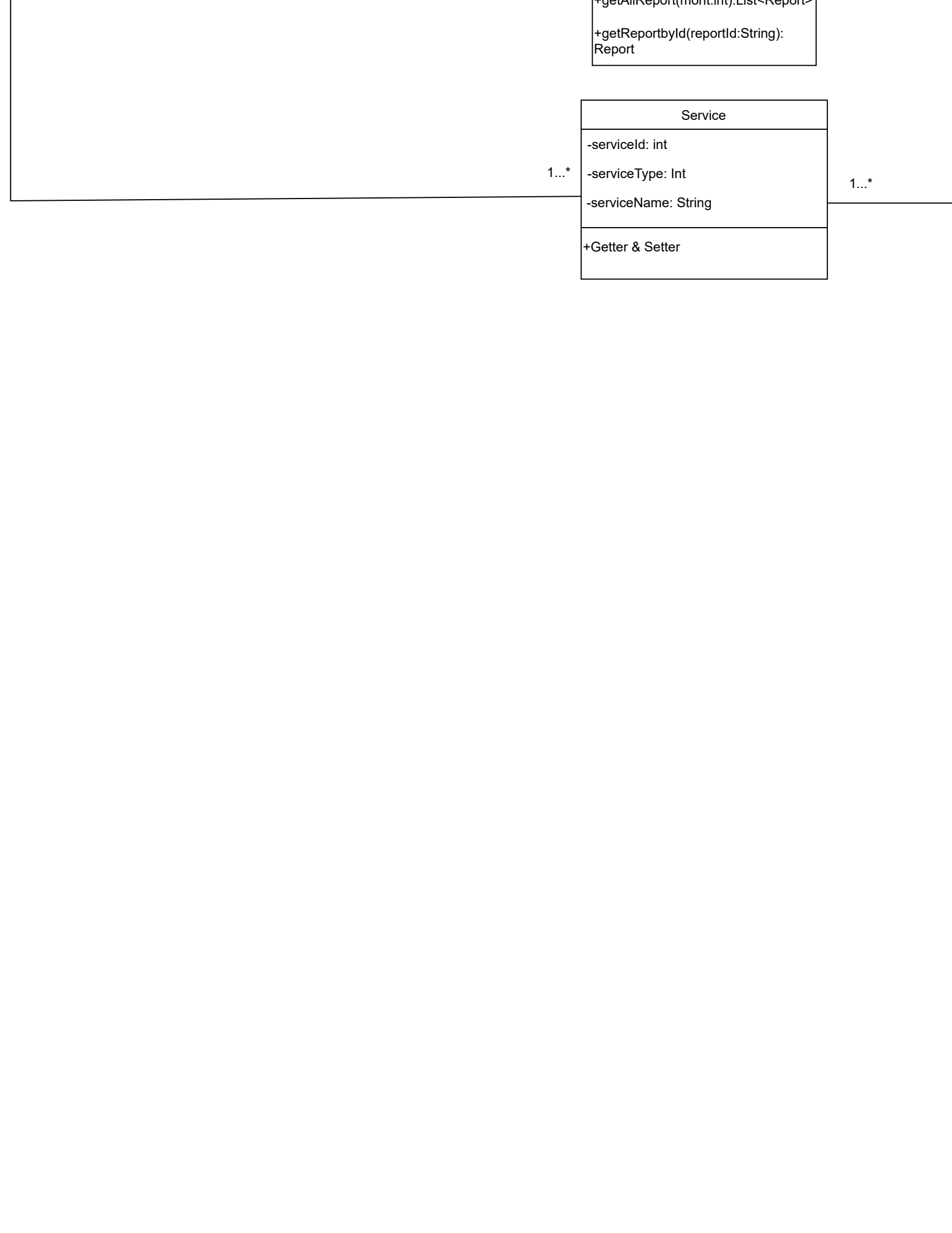

Hotel
-hotelId : String
-userId : String
-hotelTypeId : String
-hotelName : String
-backgroundImg : String
-isVerified : boolean
-isHasCamera : boolean
-isAllowPet : boolean
-description : String
-country : String
-district : String
-address : String
-city : String
-closing : String
-opening : String
-checkin : String
-checkout : String
-averagePirce : int
-rating : int
-images : List <Image>
-reviews : List<Review>
-roomType: RoomType
-hotelOwner: User
-signAt : Date
+Getter & Setter
+getHotelbyID(id:String):Obj
+update(id:String,hotel:Obje
+addNewHotel(newHotel:Ob
+delete(id:String):boolean
+mangeHotel(ihoteId:String)


1
1
1
Booking
-user : User
-userId: String
-roomId: String
-price: int
-bookingId : String
-checkin : String
-checkout : String
-adult : int
-child : int
-infant : int
-pet : int
-status : int
-bookAt : Date
+Getter & Setter
+addBooking(book:Object) :boolean
+getUserBookingHistory(userId:String) :Booking:Object
+acceptBooking(bookingId:String) :void
+rejectBooking(bookingId:String) :void
1...*
1...*
Room
-room_id : String
-hotel_id : String
-room_type_id : String
+Getter & Setter
+delete(String id):boolean
1
1...*
1
1...*
HotelManage
-bookingNumber : int
-accessNumber : int
-paymentNumber: int
-review: List<String>
-userRegisNumber: int
-bookingDays: List<Integer>
-totalBookingPerDay: List<Integer>
-incomeDays: List<Integer>
-totalIncomePerDays : List<Integer>
-accessDays : List<Integer>
-totalAccessPerDays : List<Integer>
-month: int
+Getter & Setter
1
1
1
1...*
Report
-reportId : String
-hotelId : String
-userId : String
-avatar : String
-title : String
-content : String
-reportDate : Date
+Getter & Setter
+getAllReport(mont:int):List<Report>
1...*
1...*
1...*
ject
ct):boolean
oject):void
:Hotel:Object
1


User
-user_id : String
-username : String
-user_password: String
-email : String
-phone : String
-name : String
-avatar : String
-role : int
-ggid : String
-wishlist_id : String
-self_description : String
-salt : String
-bankingAccountNumber : String
-subname : String
-dob : Date
-signAt : Date
+Getter & Setter
+signUp(username:String, password:String,email:String):void
+listAll():List<User>
+login(username:String,password:String) :User
+getUserbyID(id:String):User
+getUsername(username:String):boolean
+update(User:Object):boolean
+changePasswd(password:String):boolean
+delete(id:String):boolean
Customer
-userId : String
+Getter & Setter
Admin
-userId : String
-permission: String
+Getter & Setter
+acceptHotelowner(userid:String) :boolean
Employee
-userId: String
-hotelId : String
+Getter & Setter
Extends
Extends
Extends
0...*
1
1
0...*
1
1
1
1
1
1


+getAllReport(month:int):List<Report>
+getReportbyId(reportId:String): Report
Service
-serviceId: int
-serviceType: Int
-serviceName: String
+Getter & Setter
1...*
1...*