Hotel Management System
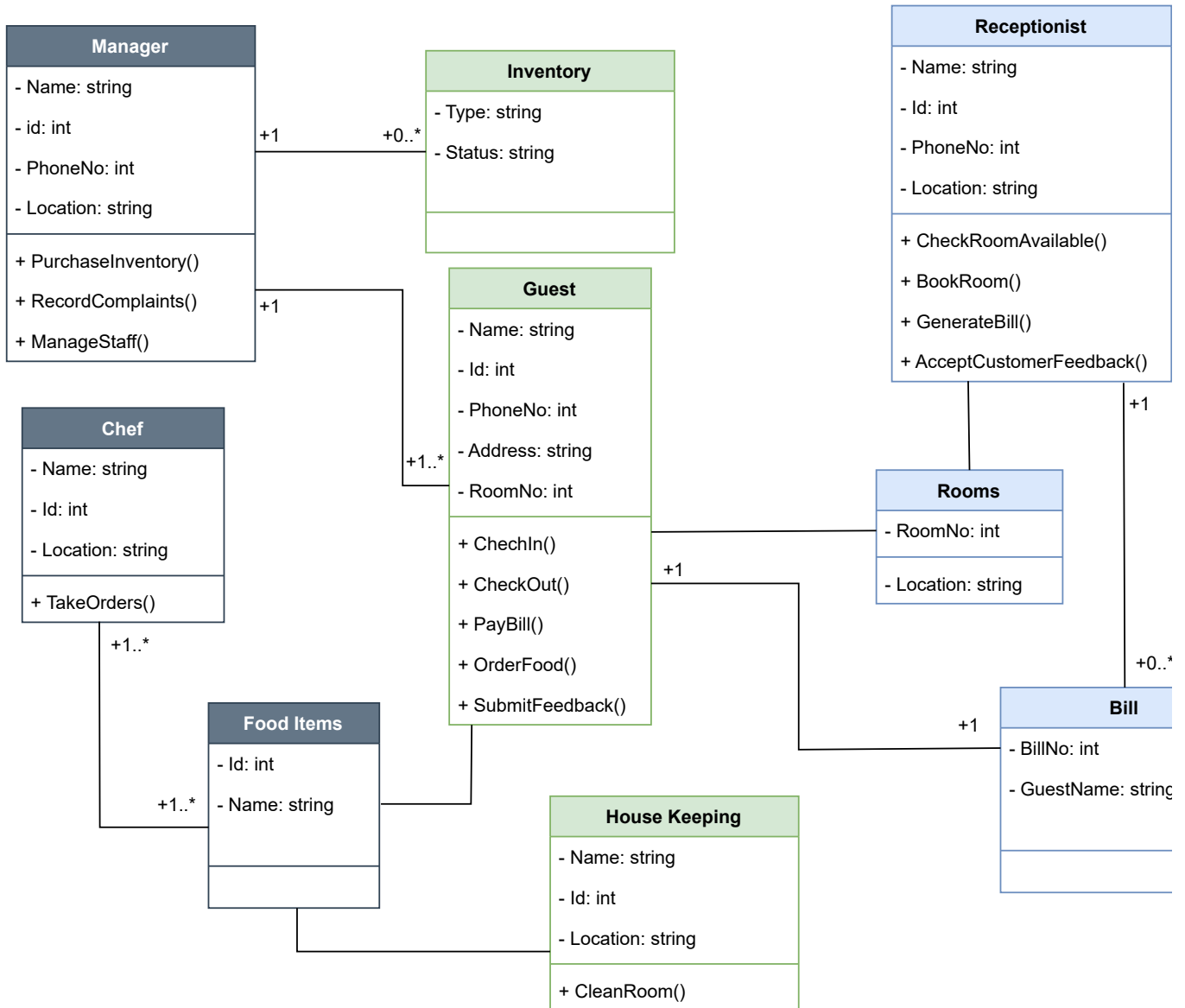
Manager
- Name: string
- id: int
- PhoneNo: int
- Location: string

+ PurchaseInventory()
+ RecordComplaints()
+ ManageStaff()

Inventory
- Type: string
- Status: string

Receptionist
- Name: string
- Id: int
- PhoneNo: int
- Location: string

+ CheckRoomAvailable()
+ BookRoom()
+ GenerateBill()
+ AcceptCustomerFeedback()

Guest
- Name: string
- Id: int
- PhoneNo: int
- Address: string
- RoomNo: int

+ ChechIn()
+ CheckOut()
+ PayBill()
+ OrderFood()
+ SubmitFeedback()

Chef
- Name: string
- Id: int
- Location: string

+ TakeOrders()

Rooms
- RoomNo: int
- Location: string

Food Items
- Id: int
- Name: string

House Keeping
- Name: string
- Id: int
- Location: string

+ CleanRoom()

Bill
- BillNo: int
- GuestName: string

Relationships / multiplicities:
+1 … +0..* (Manager – Inventory)
+1 (Manager – Guest) … +1..*
+1..* (Chef – Food Items)
+1..* (Food Items – Guest)
+1 (Guest – Rooms)
+1 (Receptionist – Rooms) … +1
+1 (Rooms – Bill) … +0..*

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