

Summary of “Hotel Management System” Database in SQL

Strong Entities

- 1) Guests (Strong Entity)
Attributes: *Guest_ID (PRIMARY KEY), name, mobile number, email*
- 2) Rooms (Strong Entity)
Attributes: *Room_ID (PRIMARY KEY), Room type, price per night, occupied?*
- 3) Reservation (Strong Entity)
Attributes: *Reservation_ID (PRIMARY KEY), Guest_ID (FOREIGN KEY), Room_ID (FOREIGN KEY), Check In Date, Check out Date, Total amount, breakfast included?*
- 4) Staff (Strong Entity)
Attributes: *Staff_ID (PRIMARY KEY), Name, Role, Contact*
- 5) Payment (Strong Entity)
Attributes: *Payment_ID, Room amount, date, mode of payment*
- 6) RoomService (Weak Entity dependant on reservations)
Attributes: *service_id, guest_id, service type, service amount*