

"Hotel Management System ERD"

Relationship description

One-to-Many (1:N)

- roles users: One role assigned to many users
- branches users: One branch has many staff members
- branches rooms: One branch has many rooms
- branches reservations: One branch handles many reservations
- room_types rooms: One room type defines many rooms
- rooms reservations: One room has many reservations (over time)
- rooms housekeeping_tasks: One room has many cleaning tasks
- guests reservations: One guest makes many reservations
- reservations payments: One reservation generates one invoice
- invoiced_payments: One payment includes multiple payments (partial payments)
- users reservations: One staff member creates many reservations
- users payments: One staff member processes many payments
- users housekeeping_tasks: One staff member assigned many tasks

Many-to-Many (M:N)

reservations services: Guests can order multiple services; Each service can be ordered by multiple reservation

