

Cuarta Iteracion

The diagram illustrates the database structure for a hotel management system, organized into several interconnected components:

- Temporalidad y Tarifas:** Includes *Temporada* (Season) and *Temporada_Precio* (Season Price) entities, detailing pricing variations based on time and occupancy.
- Habitaciones y Tipos:** Features *Habitacion* (Room) and *Tipo_Habitacion* (Room Type) entities, including attributes like *ID_Habitacion*, *Estado*, *Piso*, and *Caracteristicas*.
- Clientes y Reservas:** Contains *Cliente* (Client), *Reserva* (Reservation), and *Detalle_Reserva_Habitacion* (Reservation Detail) entities, tracking booking history and room assignments.
- Facturación y Pagos:** Includes *Factura* (Invoice) and *Detalle_Factura* (Invoice Detail) entities, managing financial transactions and payments.
- Empleados y Recursos Humanos:** Features *Empleados* (Employees), *Departamento* (Department), and *Bono_Empleado* (Employee Bonus) entities, detailing staff structure and compensation.
- Servicios y Paquetes:** Includes *Servicio* (Service) and *Detalle_Paquete* (Package Detail) entities, describing additional offerings and promotional packages.
- Calificaciones y Quejas:** Features *Satisfaccion_Cliente* (Client Satisfaction) and *Queja* (Complaint) entities, used for monitoring service quality and guest feedback.

The diagram uses standard ER notation: rectangles for entities, ovals for attributes, and diamonds for relationships. Lines with crow's foot notation (1, N, M) indicate the cardinality of the relationships between entities.