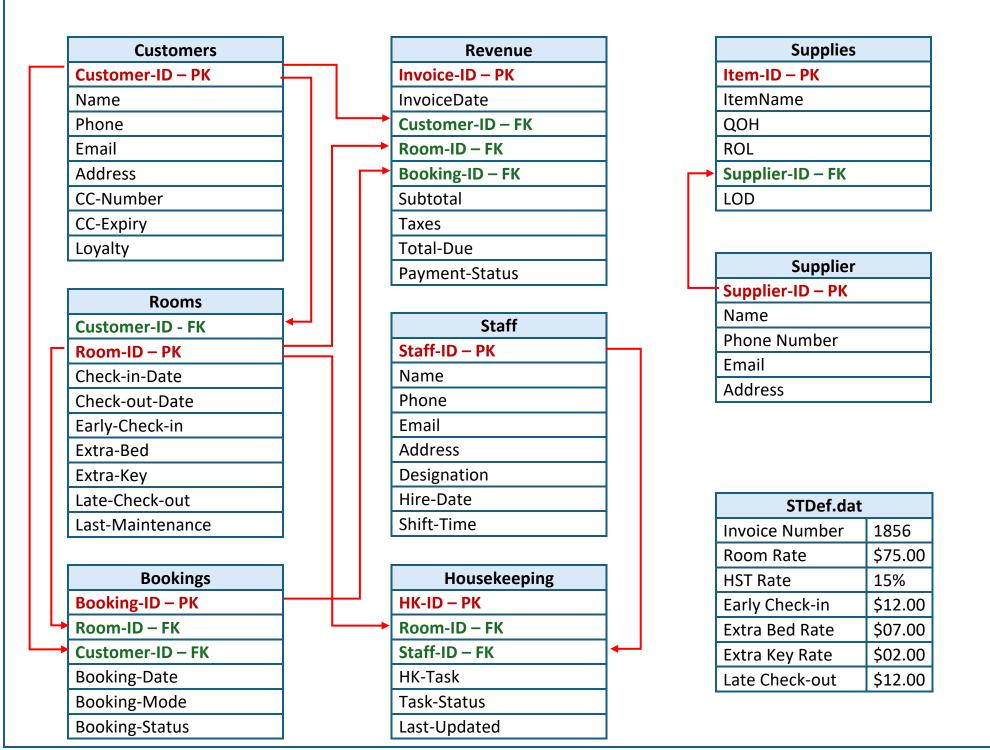
PROJECT 4 ENTITY / RELATIONSHIP DIAGRAM SLEEP-TITE MOTEL

STUDY GROUP - 19

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Explanation for Extra Fields

1. Loyalty Member

• Entity: Customer Details

• Field: Loyalty Member

Data Type: Boolean

• Purpose: This field identifies whether a customer is part of the loyalty program. It helps the motel manage customer rewards and can be used to offer promotions and discounts, enhancing customer retention and satisfaction.

2. Last Maintenance Date

Entity: Room Status

Field: Last Maintenance Date

Data Type: Date

• Purpose: Records the last date when maintenance was performed in a room. This field is crucial for tracking the maintenance schedule, ensuring that all rooms are regularly checked and maintained, thereby improving the quality of service and room availability.

3. **Booking Mode**

Entity: Bookings

Field: Booking Mode

Data Type: String

• Purpose: Specifies how the booking was made (e.g., Online, Phone, Walk-in). This field helps the motel understand customer booking preferences and can guide improvements in customer service and marketing strategies.

4. Payment Status

Entity: Revenue

• Field: Payment Status

Data Type: String

• Purpose: Indicates the current status of payment for an invoice (e.g., Paid, Unpaid, Pending). It allows the motel to manage its finances more effectively, ensuring that all payments are tracked and collected appropriately.

5. **Designation**

Entity: Staff

• Field: Role

Data Type: String

• Purpose: This field specifies the role or job title of each staff member (e.g., Housekeeper, Front Desk, Maintenance). It helps in categorizing staff and managing tasks and responsibilities based on their roles. This is crucial for assigning tasks efficiently and ensuring that the right personnel are handling appropriate duties.

6. Shift Timing

• Entity: Staff

Field: Shift Timing

Data Type: String

• Purpose: This field records the working hours or shifts of each staff member. It is essential for scheduling tasks, managing shift changes, and ensuring adequate staffing levels throughout the day. Proper shift management ensures that the motel operates smoothly and that all areas are adequately staffed during peak and off-peak hours.

7. Task Description

Entity: Housekeeping Tasks

• Field: Task Description

Data Type: String

• Purpose: This field provides a detailed description of the housekeeping or maintenance task (e.g., Cleaning, Maintenance, Inspection). It helps in clearly defining the tasks that need to be performed, ensuring that staff members understand their responsibilities and can execute them effectively.

8. Task Status

Entity: Housekeeping Tasks

Field: Task Status

Data Type: String

• Purpose: This field indicates the current status of the task (e.g., Pending, In Progress, Completed). It is crucial for tracking the progress of tasks and ensuring that all assignments are completed in a timely manner. Task status updates help in monitoring performance and identifying any bottlenecks or delays in operations.

9. Last Updated

Entity: Housekeeping Tasks

Field: Last Updated

Data Type: Date-Time

Purpose: This field records the last date and time when the task status was updated. It is essential for maintaining up-to-date
information about the progress and completion of tasks. This helps in managing housekeeping schedules and ensures that all rooms and
facilities are properly maintained.