Hotel Management System

It focuses on essential functionalities such as guest management, room management, reservations, employee tracking, billing, and inventory control.

The hotel operates 24/7, offering services to local and international clients

1. Guest Management
- Maintain records of guests, including personal information, contact details, and nationality.
- Track check-in and check-out dates.
- Categorize guests as local or international.
- Enhance guest experiences by recording preferences and feedback.

2. Room Management
- Maintain details of room types (e.g., single, double, suite).
- Track room features such as Wi-Fi, air conditioning.
- Store pricing information based on room type and availability.
- Manage room availability status.

3. Reservation System
- Manage reservations with details such as guest name, room type, stay duration, and payment status.
- Support single-day and extended-duration stays.
- Ensure real-time updates to room availability.

4. Employee Management
- Maintain employee information, including roles and departments.
- Track employee shifts (morning, afternoon, night) and manage schedules.
- Categorize employees into managers, staff, or temporary hires.

5. Department Management
- Maintain details of various hotel departments such as front desk, housekeeping, and event management.
- Assign employees to departments and track their roles.

6. Dining and Event Management
- Store information about dining facilities like restaurants, cafés.
- Manage event spaces (e.g., conference rooms, banquet halls) and their bookings.
- Provide room service options for guests.

7. Billing and Payments
- Generate and store invoices for room bookings, dining, and additional services.
- Track payments and outstanding balances for guests.

8. Inventory Management
- Track stock levels for food, beverages, toiletries, and other supplies.
- Record procurement and usage for efficient inventory control.

9. Facility Management
- Maintain records of amenities like gym, spa, swimming pool, and business center.
- Monitor usage and service requests.

10. Feedback Management
- Record guest feedback and ratings.
- Use feedback to improve services and enhance guest satisfaction.

11. Shift Management
- Track employee shifts and working hours.
- Ensure proper shift rotations for consistent service.

12. Suppliers

-Record details of suppliers for food, beverages, and hotel supplies.

-Include contact details, contract duration, and inventory supplied.

13. Event Bookings

-Manage reservations for event spaces such as banquet halls and conference rooms.

-Include details of event organizers, type of event, and special requirements.

14. Maintenance Logs

-Track maintenance requests for rooms and facilities.

-Record details like issue type, assigned staff, and resolution time.

Conclusion
This database covers all important aspects of hotel management, providing a solution for operational efficiency.