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**HUYE Campus**

**College: College Of Business And Economics**

**School: Business**

**Department: Business Information Technology**

**Full Names: HITIMANA Fabrice**

**Registration Number: 222010357**

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**SUMMARY OF MY PROJECT: HOTEL RESERVATION SYSTEM**

The Hotel Reservation System is a digital platform designed to simplify the process of booking rooms in a hotel. This system aims to make room reservations easy, efficient, and accessible for both guests and hotel staff. It automates various tasks involved in booking and managing hotel rooms, thereby improving overall efficiency and enhancing the guest experience.

**Functionality and Features**

* **User Registration and Login**

The system starts by allowing users to create an account. Users include both guests and hotel staff, with different levels of access and functionality. Guests can sign up using their email address or social media accounts, while staff members are provided login credentials by the hotel management.

* **Room Browsing and Selection:**

Once logged in, guests can browse through a list of available rooms. The system displays real-time availability, room types (such as single, double, or suite), and detailed descriptions, including amenities and pricing. Guests can filter rooms based on their preferences and needs.

* **Making a Reservation:**

After selecting a room, guests proceed to the booking process. They choose their check-in and check-out dates, provide necessary personal information, and confirm the reservation. The system verifies room availability and provides a summary of the booking details before final confirmation. Upon confirmation, a reservation number is generated, and a confirmation email is sent to the guest.

* **Payment Processing:**

The system supports various payment methods, including credit cards, debit cards, and online payment gateways. Guests can securely enter their payment information, and the system processes the payment, generating an electronic receipt that is sent to the guest’s email.

* **Booking Management:**

Guests can log in to their accounts at any time to view or modify their bookings. They can cancel reservations, extend stays, or request additional services. The system updates availability in real-time, ensuring that the hotel's room inventory is always current.

* **Check-In and Check-Out:**

On the day of arrival, guests can check in through the system, either online or at the hotel front desk. The system updates the room status to "occupied." For check-out, guests can settle any additional charges, and the system processes the final bill. A detailed invoice is generated and sent to the guest.

* **Staff Management:**

Hotel staff uses the system to manage daily operations. They can view reservations, allocate rooms, and update room statuses. The system also helps in scheduling housekeeping and maintenance tasks to ensure rooms are ready for new guests. Once you need to logout of our system, you may logout and your information is well saved

**Important of Hotel reservation system due to hotel management**

The Hotel Reservation System streamlines the booking process, reduces the chances of double booking, and minimizes manual errors. It enhances the guest experience by providing a hassle-free and convenient way to book rooms. For hotel staff, it simplifies management tasks and improves operational efficiency.

As conclusion, the Hotel Reservation System is a comprehensive solution that benefits both guests and hotel staff. By automating the reservation process and integrating various functionalities into a single platform, it ensures a seamless and efficient operation, ultimately leading to improved guest satisfaction and hotel performance. This hotel reservations system makes our life more enjoyable and comfortable.