

Building an online hotel booking system integrating real-time room management and automatic notifications.

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Abstract: This topic aims to research and develop an online hotel booking system, integrating real-time room management features to enhance resource utilization efficiency. Through a combined approach of theoretical research and experimentation, the topic addresses the issue of optimizing the booking process and managing room availability through an automatic notification system. The expected results will significantly contribute to improving online travel services and provide an advanced technical platform for hotel management companies.

Keywords: Booking system, Real-time room management, Automatic notifications, Online services, Information technology