

Integration of Hotel management System by ASP.NET

Som Prakash Gupta¹, Mahesh Maurya²

¹NMIMS University, Mukesh Patel School of Technology, Management and Engineering, Bhakti Vedant Swami Marg, JVPD Scheme, Vile Parle (West), Mumbai. Maharashtra- 400 056, India

²NMIMS University, Mukesh Patel School of Technology, Management and Engineering, Bhakti Vedant Swami Marg, JVPD Scheme, Vile Parle (West), Mumbai. Maharashtra- 400 056, India

Abstract: *Today's environment e-hotel is very much needed with higher level of security, reliability and integrity. It's very much helpful in decentralized distributed system of a hotel. In this paper we present an integration of hotel management system by ASP.NET with cs. Hotel strategies is to attract customers to employees. Effective Customer care and Hotel guest satisfaction are the factors to develop tourism in local area.*

Keywords: Reservation, Distributed System

1. Introduction

A hotel is an establishment that provides lodging paid on a short-term basis. The provision of basic accommodation, in times past, consisting only of a room with a bed, a cupboard, a small table and a washstand has largely been replaced by rooms with modern facilities, including en-suite bathrooms and air conditioning or climate control. Additional common features found in hotel rooms are a telephone, an alarm clock, a television, a safe, a mini-bar with snack foods and drinks, and facilities for making tea and coffee. Luxury features include bathrobes and slippers, a pillow menu, twin-sink vanities, and Jacuzzi bathtubs. Larger hotels may provide additional guest facilities such as a swimming pool, fitness center, business center, childcare, conference facilities and social function services.

Hotel rooms are usually numbered to allow guests to identify their room. Some hotels offer meals as part of a room and board arrangement. In the United Kingdom, a hotel is required by law to serve food and drinks to all guests within certain stated hours. In Japan, capsule hotels provide a minimized amount of room space and shared facilities.

2. Reservation

Online hotel reservations are a popular method for booking hotel rooms. Travelers can book rooms on a computer by using online security to protect their privacy and financial information and by using several online travel agents to compare prices and facilities at different hotels.

Prior to the Internet, travelers could write, telephone the hotel directly, or use a travel agent to make a reservation. Nowadays, online travel agents have pictures of hotels and rooms, information on prices and deals, and even information on local resorts. Many also allow reviews of the traveler to be recorded with the online travel agent.

Online hotel reservations are also helpful for making last minute travel arrangements. Hotels may drop the price of a room if some rooms are still available. There are several websites that specialize in searches for deals on rooms.

3. Management

Hotel management is a globally accepted professional career field and academic field of study. Degree programs such as hospitality management studies, a business degree, and/or certification programs formally prepare hotel managers for industry practice.

Most hotel establishments consist of a General Manager who serves as the head executive (often referred to as the "Hotel Manager"), department heads who oversee various departments within a hotel, middle managers, administrative staff, and line-level supervisors. The organizational chart and volume of job positions and hierarchy varies by hotel size, function, and is often determined by hotel ownership and managing companies.

4. Future Scope

This integration solution can add or expand hotel software system in any size of hotel chains environment.

5. Conclusion

Microsoft web services can be very much beneficial in e-hotel management system. Mobile, telephone, fax, internet, mail or just through agent this integration of hotel management system can add or expand any size of hotel chains environment.

References

- [1] Minglu Li, Xian He Sun, Qianni Deng, Jun Ni, "GHIRS: Integration of Hotel Management Systems by Web Services," Second International Workshop, GCC 2003, Shanghai, China, December 7-10, 2003, Revised Papers, Part II.
- [2] David Sehr, Robert Muth, Cliff L. Biffle, Victor Khimenko, Egor Pasko, Bennet Yee, Karl Schimpf, Brad Chen," Adapting Software Fault Isolation to Contemporary CPU Architectures", 19th USENIX Security Symposium, USENIX (2010), pp. 1-11.
- [3] Jason Ansel, Petr Marchenko, Úlfar Erlingsson, Elijah Taylor, Brad Chen, Derek Schuff, David Sehr, Cliff L. Biffle, Bennet S. Yee ," Language-Independent Sandboxing of Just-In-Time Compilation and Self-Modifying Code ".ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI), ACM SIGPLAN, New York, NY, USA. (2011).

Author Profile



Som Prakash Gupta received the B.Tech degrees in Computer Engineering from Maharishi Arvind Institute of Engineering & Technology in 2011. During 2007-2011, he studied C, C++, Core Java, JDBC, Servlet, JSP, HTML, CSS, JavaScript, XML, C#, ASP .NET. He is IBM RAD certified too. His area of interest is Distributed System and parallel computing.



Mr. Mahesh Maurya received the DCM, B.E., DBM, M.Tech degree from NMIMS University. His areas of interest are Multimedia, Networking, Distributed and Parallel Computing.

IJSER