Hotel Information agent System Using Web Service

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Abstract

Nowadays, hotels are in the large-scale distributed environments where each site offers services to user through transparent external communication. Web Services are becoming one of the most important paradigms for the interoperability and integrations of distributed software systems on the internet. Yo effectively search information from different resources, Agent-based system can search automatically from databases and send information of user requests in timely fashions by using Web Services. This system enables the users to search hotel facilities and service according to user's requests through different hotel web sites. This paper intends to support the required information to user by developing the information agent. Then, the information agent collects the information providing from respective web sites of hotel and acts as an agent/broker. Web Services is one of the technologies to reduce the complexity and time consuming. This system is developed by using Microsoft Visual Studio 2008, Microsoft SQL Server 2005 and ASP.Net Framework of the Web Services and supports technologies to provide service mechanism of hotel information system.