

Building a room booking management website for ADUKA hotel with integrated AI for smart room suggestions

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Abstract: In the context of the rapid development of digital technology, building a web-based booking management system for ADUKA hotel has become essential. This topic focuses on developing a Website integrated with smart room recommendation features using artificial intelligence (AI). Through theoretical and experimental research, the system is designed to optimize the booking process for customers and enhance the hotel's management efficiency. The expected results will contribute to modernizing the hospitality industry, while also playing an important role in applying AI to the tourism and hotel sector.

Keywords: Hotel booking management website, artificial intelligence (AI), smart room suggestions, ADUKA hotel, travel management system