

Building a restaurant management system using C# Windows Forms integrated with an AI Chatbot to support management.

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Abstract: This topic focuses on building a restaurant management system using the C# programming language and Windows Forms module, combined with artificial intelligence (AI) technology to develop a chatbot to support management. The objective of the topic is to address issues of performance and accuracy in managing customer information, products, and services at the restaurant through an AI-integrated system. The research method applies a combination of theory and experimentation to ensure the feasibility and effectiveness of the system. The expected result is an application solution that can help improve the quality of management in restaurants, while also providing a foundation for expanding and developing further smart services in the field of business administration.

Keywords: Restaurant management system, C# Windows Forms, AI Chatbot, Customer information management, Artificial intelligence