

Building a Tre Viet restaurant management system integrated with an AI Chatbot to support table reservations.

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Abstract: In the context of strong digitalization, managing and serving customers in the food and beverage industry is becoming increasingly challenging. This topic focuses on building a Tre Viet restaurant management system integrated with an AI Chatbot to support the table reservation process, aiming to enhance service efficiency and customer experience. The research methodology includes identifying functional requirements, designing an interactive user interface, and deploying the AI application. The goal is to create a flexible and integrated system that provides a comprehensive solution for restaurant managers. The expected outcomes of this topic are not only highly practical but also contribute to the development of Chatbot technology in the food and beverage industry.

Keywords: Restaurant management system, AI Chatbot, Automatic table booking, Food service, Technology integration