

Food recognition and nutrition suggestion application using AI.

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Abstract: In the context of increasing demand for personal healthcare, this topic focuses on developing an AI application system for food recognition based on images and providing nutritional advice. The objective of the research is to build an effective solution that helps users better understand the nutritional quality of their daily meals. The research methodology includes analyzing AI theory, experimenting with machine learning models, and deploying the application on mobile devices. The topic aims to contribute to the field of health information technology by improving understanding of dietary habits and supporting nutritional decision-making.

Keywords: AI, food recognition, nutritional suggestion, application system, machine learning