

Building a smart menu suggestion application on a mobile platform

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Abstract: In the modern context, scientific dietary management is increasingly valued. This topic focuses on developing a mobile application capable of providing intelligent menu suggestions based on factors such as user health, preferences, and schedule. The objective is to build a natural recognition system to collect user data and utilize machine learning algorithms to analyze and generate suitable menus. The research method combines theory and experimentation to ensure high effectiveness and accuracy of the application. The topic aims to contribute to the field of intelligent dietary management while providing a convenient solution for users in selecting appropriate menus.

Keywords: mobile application, menu suggestion, natural recognition, machine learning, diet management