

**FOODIE: A MOBILE APPLICATION TO SOLVE
“WHERE TO EAT”**

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Abstract

Due to people's changing eating habits as a result of their hectic schedules, the food service business is fast growing everywhere, including in undeveloped countries. Despite its cultural and societal diversity, Sri Lanka's food service business has expanded significantly, catering to a variety of tastes. Customers, meanwhile, are becoming more conscious of the foods they consume and demand extra amenities like free Wi-Fi and parking.

The goal of this project is to offer a solution that meets consumers' basic demand for food while accommodating their individual tastes. The author has created a web application that makes it simpler for customers to choose food and aids restaurants in marketing their distinctive menu items. To create a useful suggestion system, the system takes into account a number of variables, such as individual consumer preferences, a lack of restaurant awareness, and environmental conditions.

There are a number of drawbacks to paper-based menus, which have been covered in previous research. The author anticipates achieving customer satisfaction through the use of this algorithm when consumer behaviour shifts toward online solutions.

For people with hectic schedules, eating out has become a popular option, but picking the correct restaurant may be difficult, especially in new regions. The culinary application allows users to search for perfect restaurants based on criteria like proximity, pricing range, and cuisine preferences in order to address this issue. Customers may input their choices using the application's user-friendly interface, and it will then provide a list of nearby restaurants that fit their criteria, along with key information like menus, prices, and ratings.

In conclusion, this cooking software provides a flexible and quick way to select the ideal dining establishment for every occasion. By offering a user-friendly interface and feedback mechanism, it overcomes the difficulty of restaurant choosing. This application's focus on user convenience and enjoyment seeks to improve the whole

dining experience and support users in getting the most out of their culinary explorations.