FOOD ORDERING APPLICATION BASED ON RECOMMENDED MENU USING MOBILE-BASED AHP METHOD

(UHT Wirosaban)

SAVINA CHOIRINA ZUHRI

Informatics Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
Jl. Ringroad Utara Jombor Sleman
YogyakartaE-mail :
chrnsavina@gmail.com

ABSTRACT

UHT Wirosaban is a restaurant that specializes in western food in Yogyakarta, where this shop is an individual business that operates in the culinary sector. Recommended food is something that is very important for customers, especially customers who are visiting for the first time or even getting to know western food for the first time. The ordering process at the Wirosaban UHT shop is still done manually, takes a long time, uses a lot of paper which of course increases the shop's operational costs. Therefore, the author designed a food ordering system which is expected to be able to help overcome the problems that occur. This research was carried out to be able to create a food ordering system based on the recommended menu using the AHP (Analytical Hierarchy Process) method which later, if this research is successful, can help UHT Wirosaban in carrying out the ordering process quickly and precisely. Apart from that, it will also provide a recommended menu using the AHP Analytical Hierarchy method. Process towards customers. The final results of this research show that the criterion that has the highest weight is Chicken Maryland, namely (3.37), the second criterion is Sphagetti Chesse Supreme with a weight of (3.24) and the third criterion is Sphagetti Carbonarra with a weight of (3.10). The results of the research show that the alternative with the highest weight is price with weight (0.992), the second alternative is taste with weight (0.588), and the third alternative is appetizers and desserts with weight (0.484). In addition to the above assessments, this research produces a food ordering system that helps in assessing food which can be the basis for determining recommended menus. So it can make it easier for customers to choose the menu.

Keywords: Food Ordering System, AHP (Analytical Hierarchy Process), Menu Recommendations, Customers.