ANDROID-BASED NUTRITIONAL STATUS CONSULTATION APPLICATION

AL HAYDAR RIZALDY
Informatics Study Program, Faculty of Science and Technology, University of Technology Yogyakarta
Jl. Ringroad Utara, Jombor, Sleman, Yogyakarta, E-mail: rizaldyalhaydar@gmail.com

ABSTRACT

The increasing prevalence of nutritional problems in society has led to a growing demand for consultations to help address these issues. However, due to the limited number of nutritionists—often only one or two per hospital or health institution—patients are required to wait in long queues for consultations. With advancements in technology, digital solutions are expected to assist patients in accessing consultation services without having to wait in line or risk exposure to other illnesses during in-person visits. Based on this background, this study developed an Android-Based Nutritional Status Consultation Application aimed at enabling patients to consult with nutritionists anytime and anywhere without queuing. The system was developed using the Waterfall method to ensure a sequential and systematic design process, with system modelling conducted through use case diagrams. The final application allows patients to communicate with nutritionists via chat to identify and address their nutritional problems. Additional features such as access to nutritional articles are also included to enrich users' knowledge and provide reliable references.
Keywords: *Android Application, Nutrition, Consultation*