

***FEASIBILITY ASSESSMENT OF THE ANDROID-BASED HEALTH APPLICATION “DIETDUCATE” FOR NUTRITIONISTS USING THE uMARS METHOD (End-user version of the Mobile Apps Rating Scale)***

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***ABSTRACT***

*One strategic effort to handling nutritional issues that often complex is through an online consultation on nutrition. Smartphone use in Indonesia is on the rise, particularly on Android OS smartphones. Indonesia entered the Industrial Revolution 4.0, namely the use of technology in various areas, including health. One form of use of this technology is the development of an android "dietducate" application. This study aims to assess the feasibility of an Android-based health app "dietducate" for nutritionists using the uMARS (End-User Version of The Mobile Apps Rating Scale) method. The design of the research used is quantitative with the uMARS research method with a five-point scale. The technique of taking the subject using purposive sampling technique as many as 35 nutritionists. Applications were assessed using the uMARS questionnaire. The results showed that the application quality score was in the good category (4.05/5). The components of the results are obtained from 4 supporting aspects, namely aspects of engagement, functionality, aesthetics and information. The results of each score in sequence are 3.97; 4.03; 4.02; 4.23. It can be concluded that dietducate application is suitable for use by nutritionists. Applications are considered easy to use and effective in carrying out nutritionist's work. However, there are too many ads and minor bugs that need to be fixed to maximize the performance of the app.*

***Keyword : Feasibility of app, mHealth, Dietducate, uMARS.***