

ABSTRACT

“IBU SEHATI” A MEDIA EDUCATION FOR ANEMIA PREVENTION AMONG PREGNANT

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Ibu sehati is a media for education provides information about anemia in pregnancy for the prevention of anemia in pregnant women based on android application. The research objective was to determine the feasibility of the Ibu Sehati android application for anemia prevention education among pregnant. This is a Research & Development and uses a model of analysis, design, development, implementation, and evaluation (ADDIE). The research was conducted on January-March 2021. Feasibility assessment of 3 media experts, 2 material experts and 10 small groups. Furthermore, re-design and re-development are carried out in accordance with the results of the due diligence. Furthermore, the implementation was carried out on 30 pregnant women with inclusion criteria who were willing to be respondents, were in the working area of the Gamping II Community Health Center and had an Android smartphone. The application is feasible if the overall results of the feasibility test have a decent score (56%-75%) or very feasible (76%-100%). In the analysis stage carried out by interviews with interested people, design by making flowcharts and storyboards, development is application development and feasibility testing of media experts, material experts and small groups, implementation of trials with 30 pregnant women, and then evaluation of result. The results of the feasibility test for media experts are 95% (very feasible), material experts 80.55% (very feasible) small group 93.18% (very feasible), and user trials 78.63% (very feasible). Overall, Ibu Sehati android application is feasible for anemia prevention education among pregnant.

Keywords: Android Application, Ibu Sehati, Anemia, Pregnant, Nutrition Education

ABSTRAK

APLIKASI ANDROID “IBU SEHATI” UNTUK EDUKASI PENCEGAHAN ANEMIA PADA IBU HAMIL

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Aplikasi android Ibu Sehati adalah sebuah aplikasi gizi yang menyediakan informasi tentang anemia pada kehamilan untuk pencegahan anemia pada ibu hamil. Tujuan penelitian Mengetahui kelayakan aplikasi android Ibu Sehati untuk edukasi pencegahan anemia pada ibu hamil. Penelitian ini merupakan penelitian *Reasearch & Development* dan menggunakan model pengembangan *analysis, desain, development, implemention, and evaluation* (ADDIE). Penelitian dilaksanakan Pada Januari-Maret 2021. Dilakukan uji kelayakan oleh 3 ahli media, 2 ahli materi dan 10 kelompok kecil. Selanjutnya dilakukan *re-design* dan *re-development* sesuai dengan hasil uji kelayakan tersebut. Selanjutnya dilakukan implementasi pada 30 ibu hamil dengan kriteria inklusi bersedia menjadi responden, berada di wilayah kerja puskesmas Gamping II dan memiliki *smarthphone* android. Aplikasi dikatakan layak apabila keseluruhan hasil uji kelayakan memiliki skor layak (56%-75%) atau sangat layak (76%-100%). Pada tahap *analysis* dilakukan dengan wawancara kepada orang-orang yang berkepentingan, desain dengan pembuatan *flowchart* dan *storyboard*, *developmnet* adalah pengembangan aplikasi dan uji kelayakan ahli media, ahli materi dan kelompok kecil, implementasi yaitu uji coba kepada 30 ibu hamil, selanjutnya dilakukan evaluasi hasil. Hasil uji kelayakan ahli media 95% (sangat layak), ahli materi 80,55% (sangat layak) kelompok kecil 93,18% (sangat layak), dan uji coba user mendapat skor 78,63% (sangat layak). Secara keseluruhan aplikasi android ibu sehati layak digunakan untuk edukasi pencegahan anemia pada ibu hamil.

Kata kunci: Aplikasi Android, Ibu Sehati, Anemia, Ibu Hamil, Edukasi Gizi