PENGEMBANGAN APLIKASI DOKUMENTASI RESEP MAKANAN BERBASIS MOBILE STUDI KASUS PROGRAM STUDI S1 PENDIDIKAN VOKASIONAL SENI KULINER UNIVERSITAS PENDIDIKAN GANESHA

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ABSTRAK

Pengembangan Aplikasi Dokumentasi Resep Makanan Berbasis Mobile Studi Kasus Program Studi S1 Pendidikan Vokasional Seni Kuliner Universitas Pendidikan Ganesha bertujuan untuk mengembangkan aplikasi mobile VocationalChef dengan tujuan untuk mendokumentasikan resep makanan yang dihasilkan oleh mahasiswa melalui tugas akhir atau skripsi pada program studi S1 Pendidikan Vokasional Seni Kuliner Undiksha. Pengembangan aplikasi VocationalChef dilandasi atas dasar pencinta kuliner memiliki mobilitas tinggi dalam mengakses data resep makanan sedangkan, jika mengunakan hardcopy file atau softcopy file skripsi atau tugas akhir akan menyulitkan pengguna karena akan memakan waktu sedangkan, skripsi ini hanya bisa diakses di perpustakaan Undiksha saja. Oleh sebab itu, dengan adanya perkembangan teknologi yang semakin pesat maka aplikasi mobile dipilih untuk memudahkan dalam melakukan dokumentasi data resep makanan dan mengakses data resep makanan. Penelitian ini termasik ke penelitian Research and Development (R&D), dengan metode penelitian SDLC (Software Development Life Cycle) model RAD (Rapid Application Development). Dalam RAD ada 3 tahapan yang dilalui dalam mengembangkan produk penelitian yakni requirement planning (perancangan kebutuhan), workshop design RAD (proses desain), dan implementation (implementasi). Pengujian ahli media yang dilakukan memperoleh koefisien 1.00 dengan tingkat validitas "Sangat Tinggi". Pengujian respon pengguna dilakukan dengan 31 responden mahasiswa PVSK Undiksha diperoleh rata-rata sebesar 43,2581 yang termasik ke dalam kriteria "Sangat Baik". Pengujian persentase kelayakan aplikasi VocationalChef yang memperoleh skor sebesar 86,52% sehingga persentase ini menunjukan aplikasi mobile VocationalChef memenuhi kriteria "Baik"

Kata Kunci: Pengembangan Aplikasi Mobile, Dokumentasi Resep Makanan, Rapid Application Development

DEVELOPMENT OF A MOBILE-BASED CULINARY RECIPE DOCUMENTATION APPLICATION A CASE STUDY OF THE BACHELOR'S PROGRAM IN CULINARY ARTS VOCATIONAL EDUCATION AT GANESHA UNIVERSITY OF EDUCATION

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ABSTRACT

Development of Mobile-Based Food Recipe Documentation Application Case Study of the S1 Vocational Education Study Program of Culinary Arts Universitas Pendidikan Ganesha aims to develop a mobile application VocationalChef with the aim of documenting food recipes produced by students through a final project or thesis in the S1 Vocational Education of Culinary Arts Undiksha study program. The development of the VocationalChef application is based on the fact that culinary lovers have high mobility in accessing food recipe data, whereas, if you use a hardcopy file or softcopy of a thesis file or final project, it will be difficult for users because it will take time, while this thesis can only be accessed in the Undiksha library. Therefore, with the rapid development of technology, mobile applications are chosen to make it easier to document food recipe data and access food recipe data. This research is focused on Research and Development (R&D) research, with the SDLC (Software Development Life Cycle) research method of the RAD (Rapid Application Development) model. In RAD, there are 3 stages that are passed in developing research products, namely requirement planning, workshop design RAD (design process), and implementation. The media expert test conducted obtained a coefficient of 1.00 with a validity level of "Very High". The user response test was carried out with 31 PVSK Undiksha student respondents with an average of 43.2581 which was included in the "Very Good" criterion. Testing the feasibility percentage of the VocationalChef application which obtained a score of 86.52% so that this percentage shows that the VocationalChef mobile application meets the criteria of "Good".

Keywords: Mobile Application Development, Food Recipe Documentation, Rapid Application Development