

Atika Dewi Retno Swari, 2019, Sistem Informasi Akademik Penilaian dan Rapor Kurikulum 2013 di SDN Balongbesuk I Jombang. Tugas Akhir ini dibawah bimbingan Dr. Rimuljo Hendradi, S.Si., M.Si Program Studi Diploma Tiga Sistem Informasi, Fakultas Vokasi, Universitas Airlangga.

ABSTRAK

Tujuan dari Tugas Akhir ini adalah membuat sistem untuk menangani proses penilaian dan rapor kurikulum 2013 sehingga lebih efektif dan efisien serta dapat meminimalkan terjadinya kesalahan. Sistem ini melibatkan lima proses utama yaitu proses pendataan peserta didik, proses pendataan mata pelajaran dan kompetensi dasar, proses pengolahan nilai peserta didik, proses pendataan presensi peserta didik, dan proses penyusunan rapor.

Dalam membuat Sistem Informasi Akademik Penilaian dan Rapor Kurikulum 2013 di SDN Balongbesuk I Jombang dibutuhkan lima tahap. Tahap pertama mengidentifikasi kebutuhan data dengan wawancara. Tahap kedua menganalisis permasalahan sistem saat ini dengan diagram *fishbone* dan *Document Flow Diagram (Docflow)*. Tahap ketiga mendesain *system* dengan Diagram Jenjang, dan *Data Flow Diagram (DFD)* serta mendesain *database* dengan *Conceptual Data Model (CDM)* yang menghasilkan 23 entitas dan *Physical Data Model (PDM)* yang menghasilkan 23 tabel. Kemudian mendesain *form input* dan *output*. Tahap keempat menggambarkan sistem dengan Bagan Alir, serta mengimplementasikan ke dalam program berbasis web. Tahap terakhir melakukan uji coba sistem.

Berdasarkan hasil implementasi dan uji coba sistem, Sistem Informasi Akademik Penilaian dan Rapor Kurikulum 2013 di SDN Balongbesuk I Jombang yang dibuat telah sesuai dengan kebutuhan fungsional yaitu dapat menangani beberapa proses bisnis secara mudah dan dapat menampilkan rapor secara tepat dan terkomputerisasi.

Kata Kunci : *Sistem Informasi, Akademik, Penilaian, Rapor, Kurikulum 2013, SDN Balongbesuk I Jombang.*

Atika Dewi Retno Swari, 2019, *Academic Information System for Assessment and Report of 2013 Curriculum at SDN Balongbesuk I Jombang. This Final Project had been guiding by Dr. Rimuljo Hendradi, S.Si., M.Si Diploma Three of Information System Study Program, Faculty of Vocational, Airlangga University.*

ABSTRACT

The purpose of this Final Project is to create a system for handling assessment process and report card of 2013 curriculum so as to make the process more effective and efficient as well as minimize errors. This system involves five main processes, namely student data processing, subject and basic competency data processing, student grading process, student presence data processing, and report card preparation process.

In creating Academic Information System for Assessment and Report of 2013 Curriculum at SDN Balongbesuk I Jombang, five steps were executed. The first step was to identify the need of data with interviews. The second was to analyze the current system with fishbone diagram and Document Flow Diagram (Docflow). The third step was designing the system with Level Diagram and Data Flow Diagram (DFD) as well as designing database with Conceptual Data Model (CDM) that resulted in 23 entities and Physical Data Model (PDM) that resulted in 23 tables. Then, input and output forms were designed. The fourth step was illustrating the system with Flow Chart and implementing it in a web-based program. The final step was to test the system.

Based on the implementation and system test results, the Academic Information System for Assessment and Report of 2013 Curriculum at SDN Balongbesuk I Jombang that was made has been compatible with the functional needs. It can handle several business processes easily and display computerized report cards accurately.

Keywords: Information system, academic, assessment, report, 2013 curriculum, SDN Balongbesuk I Jombang