

ABSTRAK

Rancang bangun aplikasi penilaian hasil belajar siswa dengan kurikulum 2013 merupakan suatu aplikasi untuk mengolah data siswa dan nilai siswa dalam bentuk angka ataupun deskripsi serta penilaian sikap. Dalam hal ini, SD Muhammadiyah Ngabean 1 dijadikan sebagai tempat penelitian, karena pengolahan data siswa maupun nilai siswa yang ada di tempat tersebut belum terkelola dengan baik sehingga seringkali terjadi kesalahan dalam pembuatan laporan yang ada, seperti data siswa, absensi siswa, proses pengolahan nilai siswa sesuai kurikulum 2013. Tujuan penelitian ini adalah untuk memberikan kemudahan pada saat proses pengolahan data siswa, nilai siswa sesuai kurikulum 2013, meminimalisir kesalahan dalam pengolahan data hingga ke laporan. Tujuan penelitian tersebut dihasilkan beberapa kegunaan yang terdiri dari kegunaan praktis dan akademis. Metode penelitian yang digunakan dalam penelitian ini menggunakan metode Waterfall Modeling. Cara pengumpulan data yang digunakan adalah data primer dan sekunder. Alat bantu analisis yang digunakan yaitu Diagram Konteks, Data Flow Diagram (DFD), relasi table dan Entity Relationship Diagram (ERD). Perangkat lunak yang digunakan adalah: windows 8.1 Single Language with Bing, SQLyog Enterprise, Delphi 7 Lite dan XAMPP. Aplikasi ini dibangun agar dapat memberikan kemudahan dalam pengolahan data siswa dan nilai siswa baik dari penyimpanan data siswa dan penginputan nilai rapot siswa agar lebih tepat dan akurat.

Kata Kunci: Aplikasi, Kurikulum, Laporan

ABSTRACT

The design of the student learning outcomes assessment application with the 2013 curriculum is an application to process student data and student grades in the form of numbers or descriptions and attitude assessments. In this case, SD Muhammadiyah Ngabean 1 is used as a place of research, because the processing of student data and student grades in the school have not been well managed so there are often errors in making existing reports, such as student data, student attendance, student grades processing according to the 2013 curriculum. The purpose of this study is to provide convenience when processing student data, student grades in accordance with the 2013 curriculum, to minimize errors in processing data to reports. The purpose of the research results several uses consisting practical and academic uses. The research method used in this study is Waterfall Modeling method. Data collection methods used are primary and secondary data. Analysis tools used are Context Diagrams, Data Flow Diagrams (DFD), table relationships and Entity Relationship Diagrams (ERD). The software used is: Windows 8.1 Single Language with Bing, SQLyog Enterprise, Delphi 7 Lite and XAMPP. This application was built in order to provide convenience in processing student data and student grades both from storing student data and inputing student report grades to be more precise and accurate.

Keywords: Application, Curriculum, Reports

ABSTRACT

Design an application for assessment of student learning outcomes with curriculum 2013 is an application to process student data and student grades in the form of numbers or descriptions and attitude assessments. In this case, SD Muhammadiyah Ngabean 1 was used as a place of research, because the processing of student data and student grades in that place had not been well managed so that errors often occur in making existing reports, such as student data, student attendance, student grades according to the 2013 curriculum. The purpose of this study is to provide convenience during student data processing, student grades according to the 2013 curriculum, minimize errors in data processing to report. The purpose of the study produced several uses which consisted of practical and academic uses. The research method used in this study used the Waterfall Modeling method. The method of collecting data used is primary and secondary data. Analysis tools used are Context Diagrams, Data Flow Diagrams (DFD), table relationships and Entity Relationship Diagrams (ERD). The software used is: Windows 8.1 Single Language with Bing, SQLyog Enterprise, Delphi 7 Lite and XAMPP. This application was built so that it can facilitate the processing of student data and student grades both from storing student data and inputting student report scores so that they are more precise and accurate.

Keywords: Application, Curriculum, Report