

ABSTRAK

Sistem pelaporan dana bantuan operasional sekolah (BOS) pada SMK Pariwisata Imelda Medan masih melakukan pemrosesan dan pengolahan laporan menggunakan *MS. Excel* sehingga sering terjadi human error seperti kesalahan dalam penginputan data untuk memenuhi bentuk, standar, format laporan dana bantuan operasional sekolah (BOS). Hal tersebut menyebabkan kesalahan sehingga data menjadi tidak akurat dan relevan saat pelaporan dana Bantuan Operasional Sekolah (BOS) dan harus selalu revisi laporan kepada Dinas Pendidikan kota medan. Adapun tujuan dan manfaat dari penelitian ini menganalisa dan mempelajari permasalahan sistem informasi manajemen bantuan operasional sekolah (BOS) pada SMK Pariwisata Imelda Medan dan mempermudah mengurangi tingkat kesalahan dalam pembuatan laporan serta mempercepat proses pelaporan data ke dinas pendidikan kota medan. Penelitian ini menggunakan metodologi waterfall yang terdiri dari beberapa tahapan, yaitu analisis kebutuhan sistem, desain sistem, coding program, Implementasi sistem, pengujian dan pemeliharaan. Perancangan sistem informasi pada penelitian ini menggunakan *Flowchart* dan tools *UML (Unified Modelling Language)* seperti *use case diagram*, *activity Diagram*, *sequence diagram* dan *class diagram*. penelitian ini menghasilkan sebuah prototype perancangan sistem informasi anggaran dana BOS terhadap realisasi anggaran yang dapat menyajikan laporan laporan dana bantuan operasional sekolah. Prototype ini perlu dikembangkan untuk penelitian selanjutnya dapat di terapkan dengan melengkapi sistem keamanan data (security).

Kata Kunci : Sistem Informasi, manajemen, Dana Bantuan Operasional Sekolah (BOS), UML (Unified Modelling Language)

ABSTRACT

The reporting system for school operational assistance funds (BOS) at the imelda Medan Tourism vocational schoo; is still processing and processing report using MS.Excel so that human errors often occur, such as errors in inputting data to meet the forms, standards, and formats of school operational assistance fund (BOS) reports. This causes errors so that the data becomes inaccurate and irrelevant when reporting school Operational Assistance (BOS) funds and the report must always be revised to the Medan City Education Office. The aims and benefits of this research are analyzing and studying the problems of the school operational assistance management Information system (BOS) at Imelda Medan Tourism Vocational School and making it easier to reduce the error rate in making reports and speeding up the process of reporting data to the Medan City research uses a waterfall methodology which consists of several stages, namely system requirements analysis, System design, program coding, system implementation, testing and maintenance. The information system design in this research uses flowchart and UML (Unifield Modelling Language) tools such as use diagram, activity diagrams, sequence diagram and class diagrams. This research produces a prototype for designing a budget information system for BOS funds for budget realization that can present reports on school operational assistance funds. The prototype needs to be developed so that further research can be implemented by completing a data security system.

Keywords: *Information Systems, management, School Operational Assistance Funds (BOS), UML (Unifield Modeling Language)*