

ABSTRAK

Banyak instansi pendidikan yang saat ini masih menggunakan sistem pengolahan pendidikan dengan cara manual yaitu ditulis di dalam buku harian tata usaha (*manual book*), sehingga hal ini menjadikan landasan penulis untuk membuat sistem yang dapat memudahkan pihak instansi pendidikan dalam pengolahan data. Penulis membangun aplikasi berupa sistem pengolahan data siswa baik untuk siswa sekolah dasar(SD), sekolah menengah pertama(SMP) dan sekolah menengah atas(SMA) sehingga dapat sekaligus di install di instansi pendidikan yang membutuhkannya tanpa harus membuat berbagai aplikasi satu persatu untuk SD, SMP ataupun SMA. Aplikasi ini berfungsi untuk melakukan pengolahan data siswa dari SD, SMP dan SMA, seperti *create, update, delete, view (CUDV)* siswa baru, *CUDV* absensi siswa, *CUDV* nilai siswa berupa raport, ranking dan menaikkan kelas siswa, *CUDV* mata pelajaran, *CUDV* kurikulum sekolah, *CUDV* guru, *CUDV* kelas, *CUDV* jurusan, *CUDV* management sistem serta form laporan untuk mencetak laporan yang diinginkan dan informasi web lainnya tergantung dari instansi pendidikan yang membutuhkannya.

Aplikasi ini akan dibagi beberapa hak akses tertentu diantaranya :

1. Admin, akan mendapatkan hak akses seluruh pengolahan di dalam sistem.
2. Supervisor atau Kepala Sekolah, akan mendapatkan hak akses sama dengan admin tetapi tidak mendapatkan hak untuk merubah konfigurasi web tersebut.
3. User atau tata usaha, akan mendapatkan hak akses sama dengan supervisor tetapi tidak mendapatkan hak untuk merubah user management dan mengubah user list yang ada.
4. Guru, akan mendapatkan hak akses berupa *CUDV* absensi siswa, *CUDV* nilai siswa dan *CUDV* kurikulum saja.
5. Sedangkan siswa, hanya akan diberikan hak akses berupa *V* absensi, nilai dan kurikulum saja.

Kata kunci : Manual Book, Website, Siswa, Pengolahan.

ABSTRACT

Many education institution which in this time still use system processing of education by manual that is written in diary arrange effort (manual bookl), so that this matter make the basis for writer to make system able to facilitate education institution party in data processing. Writer develop build application in the form of student data processing system which use for student in elementary level (SD), junior high school level (SMP) and senior high school level (SMA), that earn at the same time to install in education institution requiring without having to make various application one by one for the SD , SMP and SMA. This application function to conduct student data processing from SD, SMP and SMA, like create, update, delete, view (CUDV) for new student, CUDV Absence student, CUDV assess student in the form of raport, CUDV student class report and ranking, CUDV Subject, CUDV Curriculum school, CUDV Teacher, CUDV Class, CUDV Majors, CUDV Management system and report form which print report and other web information depended from education institution requiring it.

This application will be divided by some rights access certain among others :

1. Admin, will get rights access entire all the processing in system.
2. Headmaster / Supervisor, have rights to access same with admin but do not get the right to change the web configuration.
3. User or arrange effort, will get rights access same with supervisor but not get the right to change management user and alter existing list user.
4. Teacher, will get rights access in the form of CUDV student absence, CUDV assess just CUDV curriculum and student.
5. Student, will only be given rights access in the form of V absence, just curriculum and value.

Keyword : Manual Book, Website, Student, Processing

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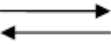
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DAFTAR SIMBOL

Daftar Simbol *Data Flow Diagram*

Simbol	Nama	Keterangan
	Entity	Entitas di luar sistem yang berperan dalam memberi atau menerima informasi.
	Process	Fungsi transformasi informasi yang berada dalam area sistem yang dimodelkan pada diagram konteks dan DFD.
	Data Flow	Arah panah pada garis menggambarkan arah aliran data dari objek data.
	Data Store	Penampungan data yang disimpan untuk digunakan satu atau beberapa proses.

Daftar Simbol *Flow Map*

Simbol	Nama	Keterangan
	Terminator	Mendesripsikan awal dan akhir suatu flow map.
	Single Document	Mendesripsikan sebuah dokumen pada flow map
	Multi Document	Mendesripsikan lebih dari satu dokumen.
	Decision	Mendesripsikan proses pengambilan keputusan.
	Manual Operation	Mendesripsikan operasi secara manual.
	Process	Mendesripsikan semua proses pada flowmap.
	Disk Storage	Mendesripsikan penyimpanan data dalam media disk.
	Manual Storage	Mendesripsikan penyimpanan data secara manual.