



Bangladesh University Business and Technology

Course Code: CSE 318

Course Name: System Analysis and Design Lab

School Management System

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Introduction

A school management system is a large database system which can be used for managing school's daily work. It is configurable and can be configured to meet most individual school's needs. It is a multi-user system. Generally Speaking, it is platform available for running on a Local Area Network (LAN). It is used for handling all teachers and students details, also has information about student and teacher details, personal details and other details.

School management application helps to overcome boring paper work in school. This Application is very easy to use. It can work accurately and very smoothly in different scenario. It reduces effort work load and increase efficiency in work. In aspects of time value it is worthy. In this Application teacher can manage student's grade sheet, update their marks, managing online leave application, students and teacher's registration . Administrative Staff can add or remove teacher and student from database via this application. They also can register themselves.

Objectives

- Critical review of the School Management System
- Critical study of technologies that can solve the problem
- Design and develop a system for solving the problem
- Evaluation of the proposed system
- Bata releasing
- Preparation of final documentation Proposed Solution

Problem Statement

Brief This school management system having five main management tools, Student, Teachers, Inventory, Library, Account management system Student management has some sub categories registration, attendants, Grade management and Report generating. Reports are for individual performance, overall performance, forgone subject etc. Teachers management attendants, salary and report management, Inventory management add, update, delete and report generation library management add all books and tracking books and students, report generating.

Features

- Multi-User Account System
- Responsive User Interface
- Student Fee Management
- Parent Monitoring Feature
- Homework Document
- Class Routine Schedule

- Profile System
- Exam Marks Management
- Chart & Graph Analysis of Exams
- Library Management
- Dormitory Management
- Transport Management
- Daily Attendance
- Internal Messaging

Conclusion

The need of managing the information electronically is growing rapidly in all important areas in Albania. School Management Systems are being identified as an appropriate method for managing information in schools. SMIS was built based on real life situations in Albania's high school, taking into consideration all possible situations and functionalities of the daily work in these schools. This system maybe considered as a good first step in implementing performing electronic based information management in schools.