Hostel Attendance Management System - A Survey

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Abstract: Hostel Attendance Management System is a powerful, flexible and easy to use. It will be helpful in knowing whether any student is missing in hostel. It will help us to have a record about attendance of each student. We can show this information to the respective Parent of the student during their visit to the hostel. This is one of the best methods for securing the students. Easily we can enter and maintain Attendance detail in this project. This project is performed in Visual Basic because it is user friendly. Visual basicis athird-generation event-driven programming language and integrated development environment(IDE). Whatever data we are giving can be stored easily by using the Ms-Access. We can retrieve the data whenever we require by the data base. Hostel Attendance Management System uses front-end Visual Basic (VB) and backend.

Key words: Attendance of Each Student · Performed in Visual Basic · Data Base

INTRODUCTION

MS-Access
Module Description: Hostel Attendance Management System contains following modules:

- Login form.
- Attendance form.
- Search from.
- Add New Student from.

Proposed System: The Hostel Attendance Management System is to make a separate window application for managing the hostel [1-6]. The Proposed system is the computerized version of the existing system. It rectifies most of the pitfalls of the existing system and maintains databases of all the entities participating in the system.

Computerization provides easy and quick access over the data. Authorization schemes like giving passwords, encoding data can be used to maintain data security [7].

Merits of the Proposed System

- High Security.
- Easy to use.
- Cost-Effective.
- Accurate.
- Easy-to-update.
- Minimal Errors.
- Reliable.
- Flexibility,
- Consuming less Storage.

RESULT

A system that eases the access and maintenance of information regarding the details of the Hostel Attendance Management System. The system has been developed in a way such that it can be upgraded with new options easily [8]. The whole system has been tested thoroughly both at the development stage and in the implementation stage.

Future Enhancements: Once the system has been fully developed and implemented successfully, the next phase is to identify the areas for the future developments [9]. The addition of any modules can be incorporated within the developed system. The application provides the facility for building new application has been provided.

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Since it is a window-based application the design of the window can be improved to accommodate the changing needs of the users. This system was developed keeping in view of future enhancement. The designing of database was made keeping in view of future modifications [10-16].

Visual Basic 6.0 profoundly concentrates on the internet developer features, active technology, enhanced controls, enhanced features of exiting control, client/server, new language features development, data access, a few design enhancement etc.,

CONCLUSION

The hostel Attendance management system is a powerful and surveillance tool for managing the various applications being developed in a hostel organization. Hotel management system is designed for multispecialty. It is also useful for maintaining all the information about the Attendance, Student in hotel. It mainly designed for to maintain the Attendance and Student safely. It is easy to use and fully integrated.

The automation of the system also helps in the easy management of the data by avoiding inconsistency and redundancy in the storage of data. The system can be improved in the future with the latest development occurring in the technologies and it is flexible to extend the properties of the existing system.

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