19IT081

by Ravi Parvadiya

School Management System

Introduction:

The title of the project is "School Management System". School Management System is a complete school information management solution. This project is simple desktop application. This project will handle whole the activities of the school. This package once developed will help the school/institute to manage various details related to its students. This will help accounts department in maintaining the details related to the fees & basic details like their security deposits, conveyance and etc, it will also help administration department in maintaining student's basic details as well as keeping a check on fees details. It provides facilities to keep the records of student, fees, teaching and non-teaching staff with all their required details along with all required transaction handling.

The project School Management System has been developed to help the development maintaining the student details, earlier the records where maintained manually, with help of this package the concerned departments will be able to improve the productivity, reduce the time, cost factors associated with the system. The automation of the system will help the organization in proper maintenance of the record, less manpower, less man-days, less cost, proper & accurate functioning. The basic need for the package was to automate the whole procedure of maintaining of student details, earlier it was all done manually. By developing this package lot of burden was removed from the department, which was maintaining student's details. It improved the efficiency, reduced the cost and reduced the time need to do the work manually. With the help of this project the past details of the students can access and reports can be generated on this detail.

SURVEY

There are many software's related to school management system are available in the market.

Like,

Applane:

Applane is a simple easy to use cloud-based school management software. Using this you can do all your institutional functions at a fraction of the cost.

It provides solutions to student, administration, financial management and other related functions.

There are many more software's are available in the market Like ClockErp, Edifice, Edsine, EduERP etc.

About This Project:

Our Project is basically a Desktop application for PC, which can use by administrative department of any Institute to manage their institute's Student, Teacher and Financial data.

In Our Project there is a Login Panel through which user means admin can log in and do their stuff.

After Log In there are Many Functionalities available like add new user, add new teacher, new student and modify already added student and teacher.

Our Application works on local PC of any Institute so Student can access It and Modify their details but students cannot access all functionalities of software but there is a restriction to use for student and as well as for teacher. Only admin can access whole functionalities of application.

Basically, this project helps institutes to reduce their paper work and also user interface of application will be good so user will enjoy to use it.
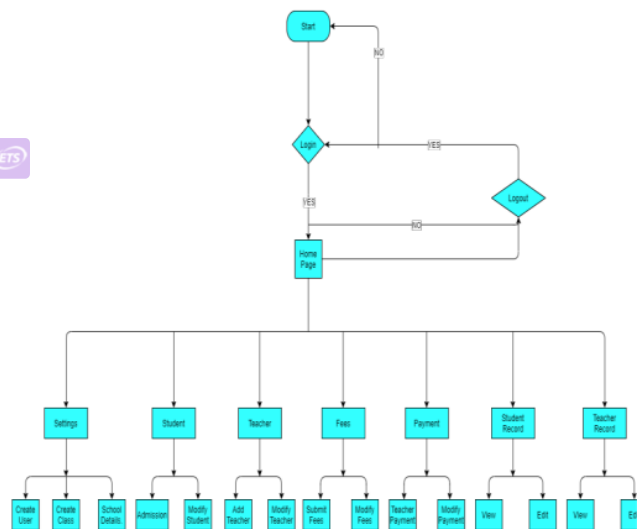
Also, Data of Institute will store on local Database as well as on Cloud so there is not a chance to loss data.

Features:

- → Admin Login
- → Student Login
- → Home Page
- → Create User and Create Class
- → School Details Page
- → Student Admission Page

- → Modify Student Information
- → Add and Modify Teacher Information
- → Submit and Modify Fees
- → Teacher's Payment and Modification
- → View Student and Fees Record
- → View Teacher and Payment Record
- → Logout Button

Diagram:

Methodology:

IDE: Eclipse

Front-end: JavaFX, Swing and AWT

Back-end: JDBC Database: MySQL

Conclusion:

In this project we will build Desktop application's administrative panel in school management system with the use of java GUI builder and MySQL database.

Reference:

https://mindster.com/what-school-management-system-why-institutesneed-it/

https://pn.ispirt.in/list-of-madeinindia-school-management-software/

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Article Error You may need to remove this article.

Confused You have used either an imprecise word or an incorrect word.

Article Error You may need to use an article before this word. Consider using the article **the**.

Article Error You may need to use an article before this word.

Article Error You may need to use an article before this word.

Wrong Article You may have used the wrong article or pronoun. Proofread the sentence to make sure that the article or pronoun agrees with the word it describes.

Possessive

Article Error You may need to use an article before this word. Consider using the article **the**.

S/V This subject and verb may not agree. Proofread the sentence to make sure the subject agrees with the verb.

Garbled This sentence contains several grammatical or spelling errors that make your meaning unclear. Proofread the sentence to identify and fix the mistakes.

Article Error You may need to use an article before this word.

Proofread This part of the sentence contains an error or misspelling that makes your meaning unclear.

Article Error You may need to remove this article.

Article Error You may need to use an article before this word.

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Missing ","

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Article Error You may need to use an article before this word.

S/V This subject and verb may not agree. Proofread the sentence to make sure the subject agrees with the verb.

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