Mini Project Report On

"SCHOOL MANAGEMENT SYSTEM"

BACHELOR OF COMPUTER ENGINEERING

<u>SUBMITTED BY</u>

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UNDER THE GUIDANCE OF

Prof. B.R.Bhatti

DEPARTMENT OF COMPUTER ENGINEERING

SAVITRIBAI PHULE PUNE UNIVERSITY

Batch of 2021-22

CERTIFICATE

This is to certify that the seminar report entitled

"SCHOOL MANAGEMENT SYSTEM"

Submitted by

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Are bonafide student of this institute and the work has been carried out by
her under the supervision of **Prof**. **Prof. B.R.Bhatti** and it is approved for the
partial fulfilment of the requirement of Savitribai Phule Pune University
Computer Engineering.

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ACKNOWLEDGEMENT

ABSTRACT

The School Management System is software meant for helping institutions. It is a piece of software that helps run the school's daily administrative and academic operations smoothly from afar. School management systems are good for the people who facilitate the school and good for parents, who can see how their kids are doing and pay their fees, and many more.

A school management system is developed to help staff do less work, help students and teachers save time, cut costs, and improve data security. All of these things will eventually make your institution more cost-effective and productive. It is also able to secure important data of students and educators that every educational institution needs

INTRODUCTION

An Effective Tool for Augmenting the School Practices Abstract The technological advancements have influenced the society so as to take a leap towards success. Every technological reform is a small step towards advancement and progress of mankind. Developments in information technologies have also been impacting upon educational organizations. The introduction of technology in schools can thus result in a decreased use of paper and in bringing most of the school office work in an e-format. Thus, the schools should employ management information systems to improve the efficiency of administrative services. A school management information system (SMIS) is a system or process that provides the information necessary to manage a school effectively. They provide an objective system for recording and aggregating information and supports the institution's strategic goals and direction. The administrative processes and the official procedures of school can be simplified by the means of management information systems. School records, the information about all the students, teachers and other school employees can efficiently be maintained by means of school management information systems.

On the similar lines, the time-table and attendance records of the pupils and teachers can be maintained by means of time-table and attendance management system respectively. Further, the management information systems can effectively maintain the data pertaining to examination, financial issues; facilities and assets management of the institutions. To sum up, school management information systems not only eases the office work but also ensures the efficient functioning of the schools. It makes possible, a more effective way of storage and distribution of information. Therefore, realization of the importance of management information systems in schools and its successful implementation is a necessity. There is a dire need to employ such systems to bring qualitative improvement in the prevalent educational practices.
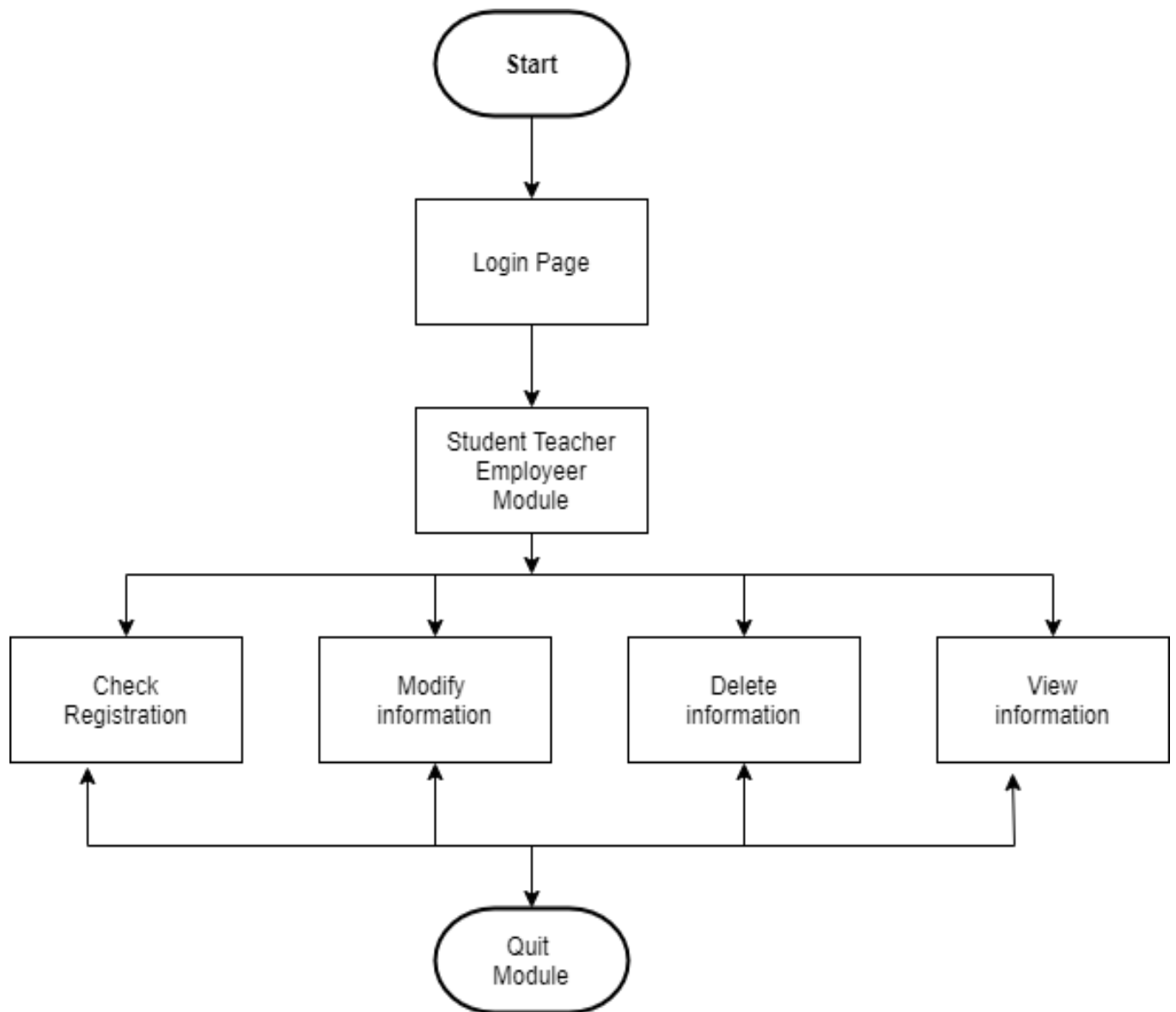
PROPOSED SYSTEM

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

• Security of data.

• Ensure data accuracies.

• Proper control of the higher officials.

• Minimize manual data entry.

• Minimum time needed for the various processing.

• Greater efficiency.

• Better service.

• User friendliness and interactive.

• Minimum time required.
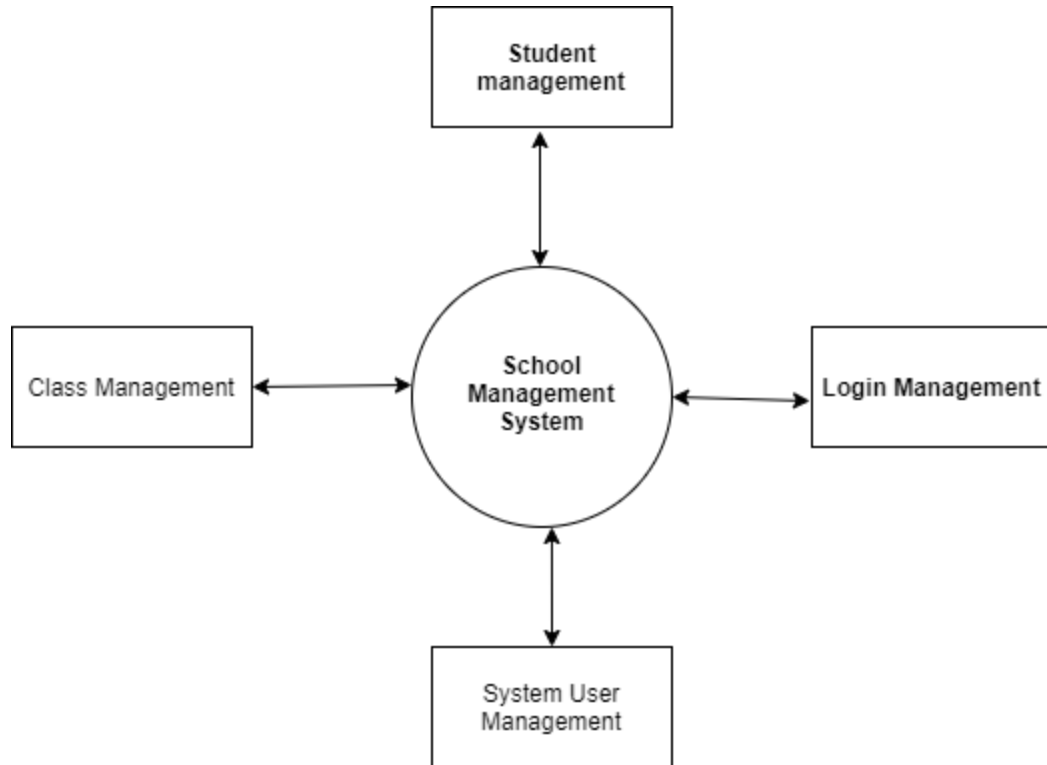
Proposed System Diagram

Flowchart

```
                    ┌──────────────┐
                    │    Start     │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │  Login Page  │
                    └──────┬───────┘
                           │
                           ▼
                    ┌──────────────┐
                    │Student Teacher│
                    │  Employeer    │
                    │   Module      │
                    └──────┬───────┘
                           │
        ┌──────────┬───────┴───────┬──────────┐
        ▼          ▼               ▼          ▼
   ┌─────────┐ ┌─────────┐   ┌─────────┐ ┌─────────┐
   │ Check   │ │ Modify  │   │ Delete  │ │  View   │
   │Registra-│ │informa- │   │informa- │ │informa- │
   │ tion    │ │ tion    │   │ tion    │ │ tion    │
   └─────────┘ └─────────┘   └─────────┘ └─────────┘

                    ┌──────────────┐
                    │     Quit     │
                    │    Module    │
                    └──────────────┘
```

HARDWARE AND SOFTWARE REQUIREMENTS

Software Requirements:

- Windows 7 or above.

Hardware Requirements:

       Hard Disk – 1 TB or Above

       RAM required – 8 GB or Above

       Processor – Core i3 or Above

RESULT

Login page user by admin: The person in this module has control over the entire system as he/she can add, delete anyone from the system. The admin can view the details of another person and can edit any details. The users from another module will send the request to admin for any change.
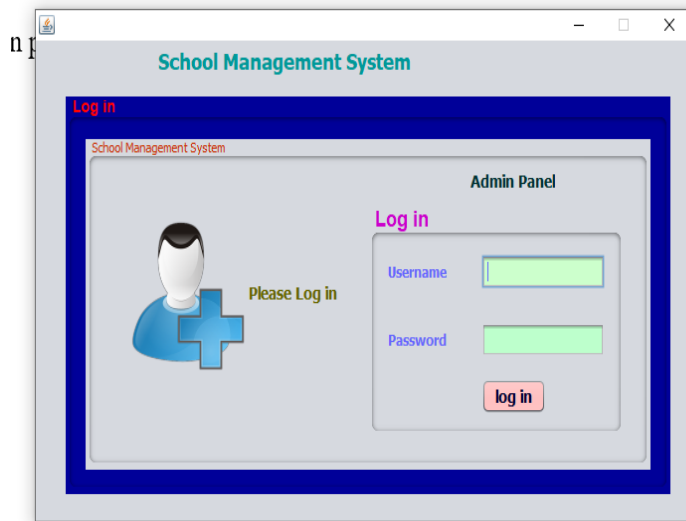
Login to home page: From this module, the students can view the details

.
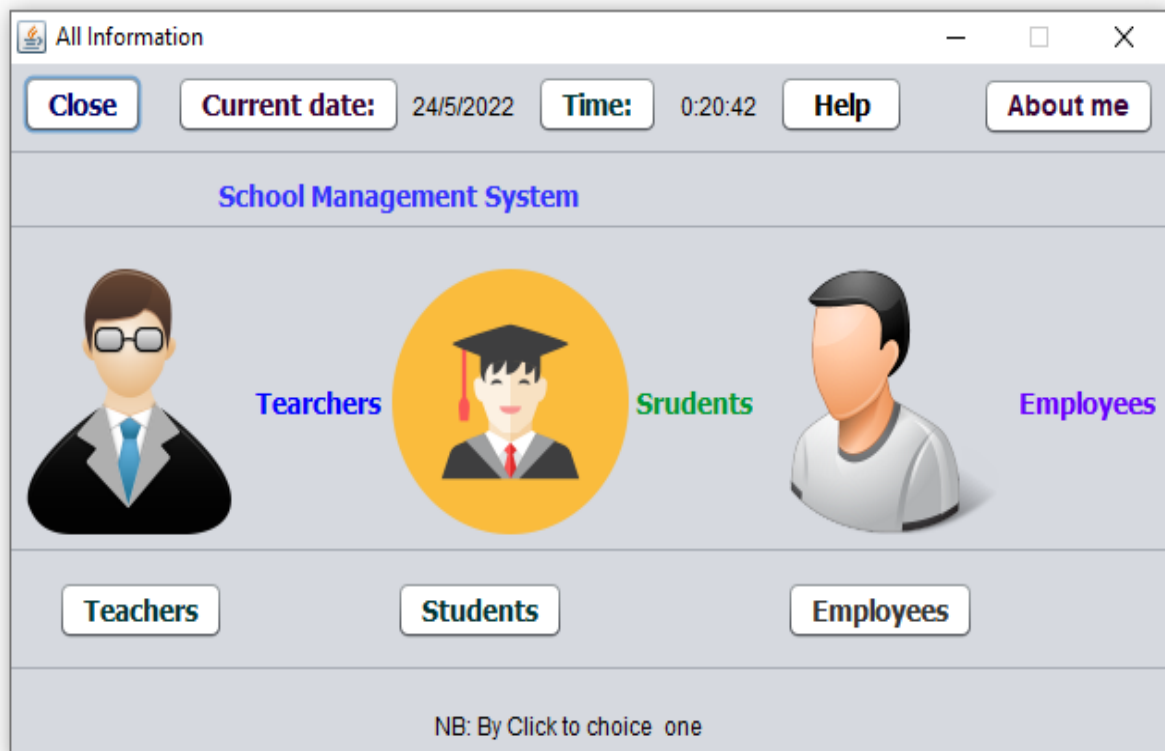
File Edit

School Management System

Teacher's Information System

Search here

Teachers ID:

Four Digits Only

First Name: **Save Data**

Last Name: **Update**

Position: **Clear**

Birth Day: **Delete**

Ex: yyyy-mm-dd

Mobile No: **View Data**

Sex: **Exit**

Ex: male,female

Permanent Address: Max: 30 Digits

Present Address: Max: 30 Digits

Note : *All field Must be fill up step by step

View data:

School Management System

Home	All Teachers Database	Close

Teachers_id	First_name	Last_name	Position	Birth_day	Mobile_no	Sex	Permanent	Present
3002	Manob	Chandra	Jonior Teacher	1988-05-04	1728695633	male	nandigram	Nandigram,B...
3001	Tangila	Akter.	Officer	1989-05-06	1728596323	female	Bogra	Bogra
3003	Nadan	Paul	Assistant	1996-05-07	1725896523	male	Dhaka	Dhaka
3004	Parimal	Ray	Assistant	1988-09-06	1725698563	male	Karai hat	karai hat
3005	Akter	Hossen	Assistant	1990-06-08	1728963566	male	Nandigram	Bogra

Now Students login:

Now Employee login:

USER REQUIRMENTS

- Before designing the system of this software, I search many School information to know their requirements. After that I came to know that what steps are preformed to issue. I have collected many information for record of various details required to make Faculty system.

- The analysis of the system specifies the two most basic requirement of staff management.

- We can able to update, delete any perticular details of staff with the help of update, delete button. It provides various option to update your record.

- In this system, general information regarding staff can be stored separately. This can be used for future reference. In user entry form, details regarding user can be stored .

- On the base of the system analysis, the designed of the software is prepared. Every small topic is considered very seriously to fulfill the requirement of the user.

CONCLUSION

Our project is only a humble venture to satisfy the needs in a school to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.