

Pre-Submission Seminar **on** **Student Records System**



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Problem Statement & Objectives

Problem Statement:

Using manual system to manage the students which are records all information and in the book or paper was causing the job of the teachers becomes more and troublesome.

The record in the have a possibility missing or destroy when happen any accident. While now already have the school use the computer to manage the student information, but both of the systems they use are already out-dated. The system they use all are standalone and separately, one system only have one function

Objectives

- To design and develop a Student Records System.
- To include the function of students records with graphical information.
- To develop easy and simple system.

Introduction

This Student Records System is developed using python programming language. This is a simple console based system that's very clean to recognize and use.

Every school, college, and university needs to create a database of all their students. This directory typically contains student names, student ID, email, photo, date of birth and department. Creating a physical record of all your students is useful for administration purposes and so is storing that information digitally on your device.

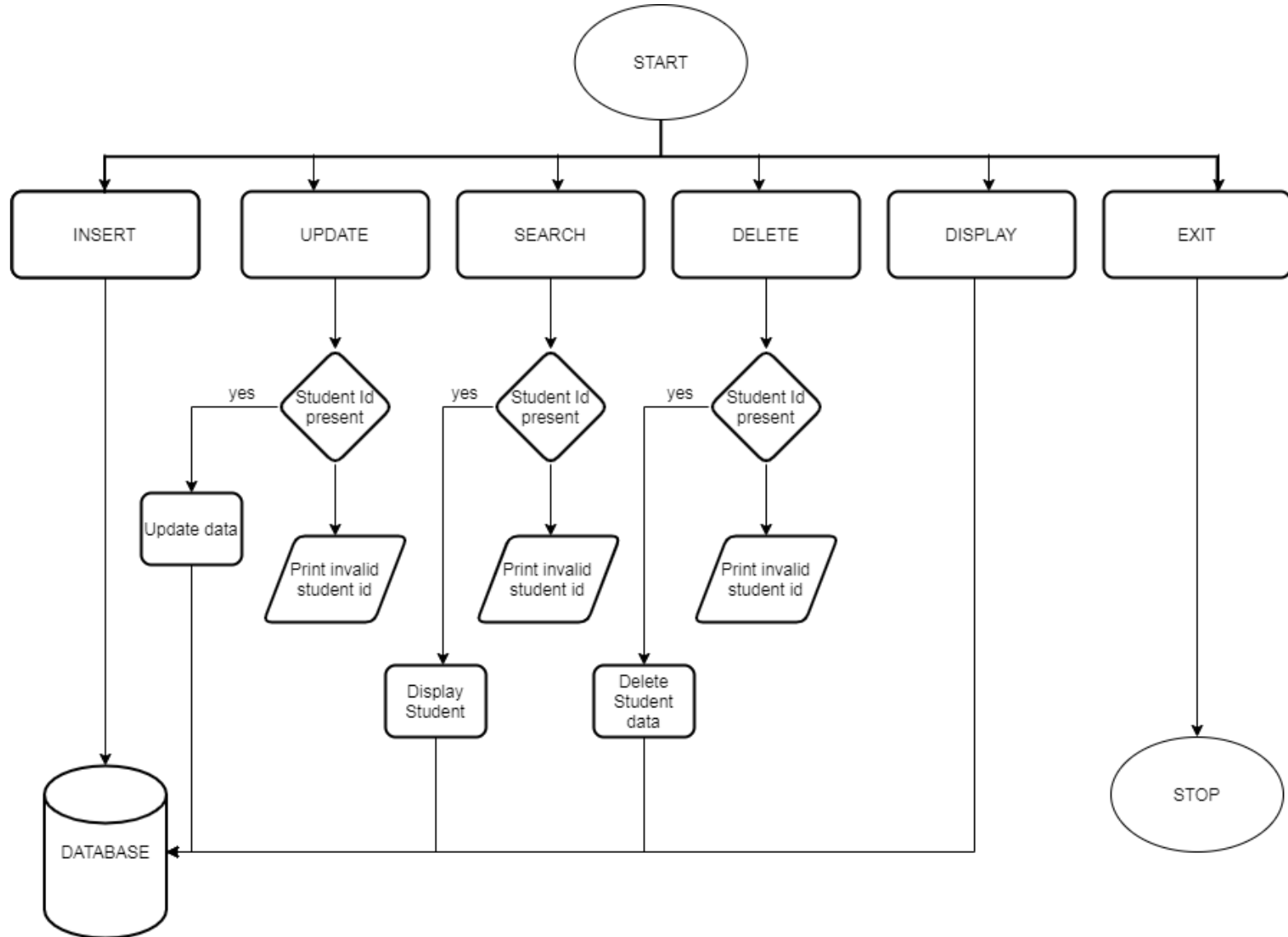
Talking about the system, it consists of basic features which encompass Insert students, Update students, Search students and Delete and Display details of the student. In this mini undertaking, there may be no such login device. This manner he/she can use all the ones available functions without problems with no restriction.

It creates a database in which all the details of any student can be stored.

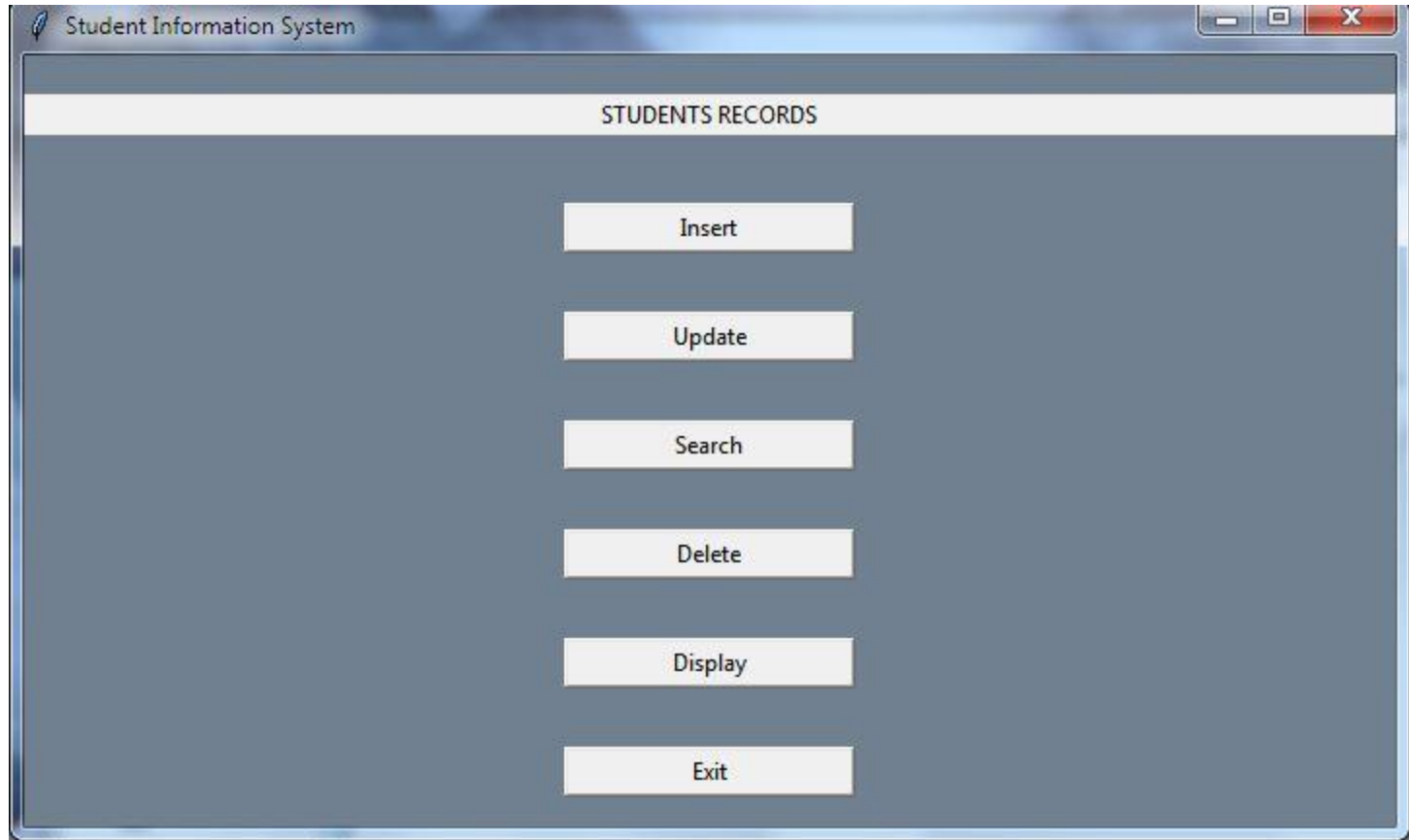
Literature Survey

Websites / Paper / Article	Reviews / Findings
a) Student Information Management System	This paper basically focuses on providing a simple interface for the easy collation and maintenance of all manner of student information.
b) A RESEARCH PAPER ON STUDENT INFORMATION AND SCORE MANAGEMENT SYSTEM (SISMS)	This paper focuses on the creation and management of accurate, up-to- date information regarding students is critical students and for the faculties and administration for any other educational institution.
c) https://projectworlds.in/	This website helped in providing ideas for the development of various modules for the project.

System Design: Flowchart



Screen Shots



Screen Shots

Insert data

Student ID	2
First Name	ramesh
Last Name	yadav
D.O.B	5
M.O.B	July
Y.O.B	2001
Gender	Male
Home Address	kalamna,nagpur
Phone Number	9876543210
Email ID	ramesh@gmail.com


Insert Reset Close

Database View

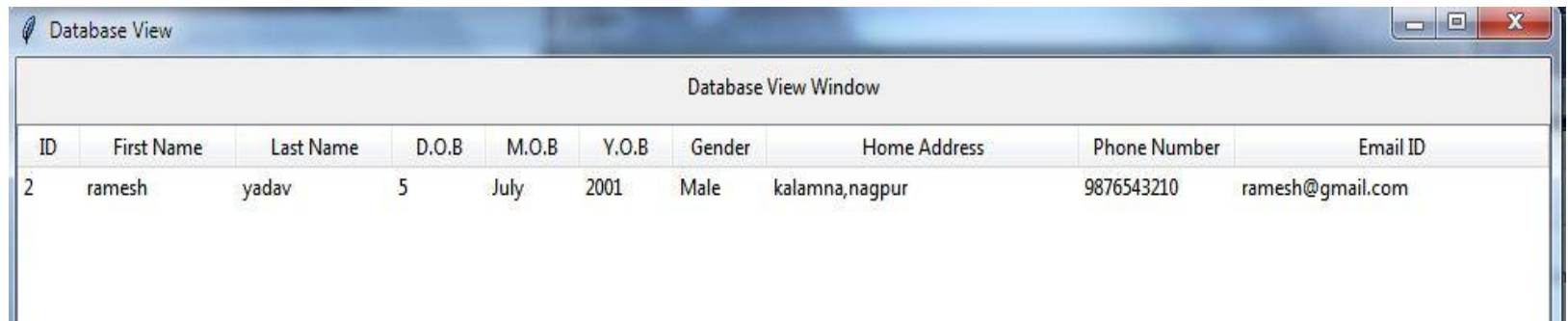
Database View Window

ID	First Name	Last Name	D.O.B	M.O.B	Y.O.B	Gender	Home Address	Phone Number	Email ID
1	awais	sheikh	8	September	2000	Male	gandhibagh nagpur	1234567890	awais@awais.com
2	ramesh	yadav	5	July	2001	Male	kalamna,nagpur	9876543210	ramesh@gmail.com

Screen Shots



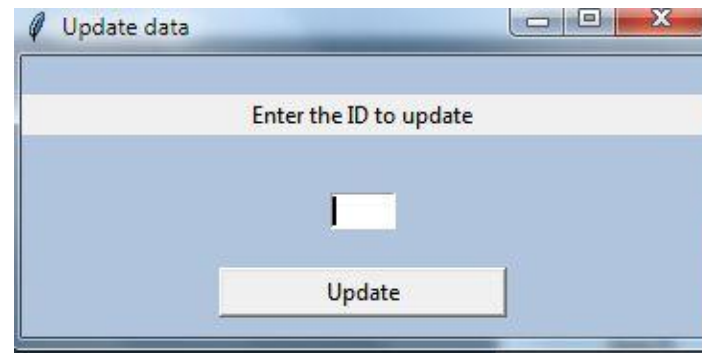
A screenshot of a 'Search data' window. The window has a title bar with a feather icon and standard minimize, maximize, and close buttons. The main area is light blue and contains the text 'Please enter Student ID to Search'. Below this is a label 'Student ID' above a text input field containing the number '4'. At the bottom is a 'Search' button.



A screenshot of a 'Database View' window. The window has a title bar with a feather icon and standard minimize, maximize, and close buttons. The main area is titled 'Database View Window' and displays a table with student data.

ID	First Name	Last Name	D.O.B	M.O.B	Y.O.B	Gender	Home Address	Phone Number	Email ID
2	ramesh	yadav	5	July	2001	Male	kalamna,nagpur	9876543210	ramesh@gmail.com

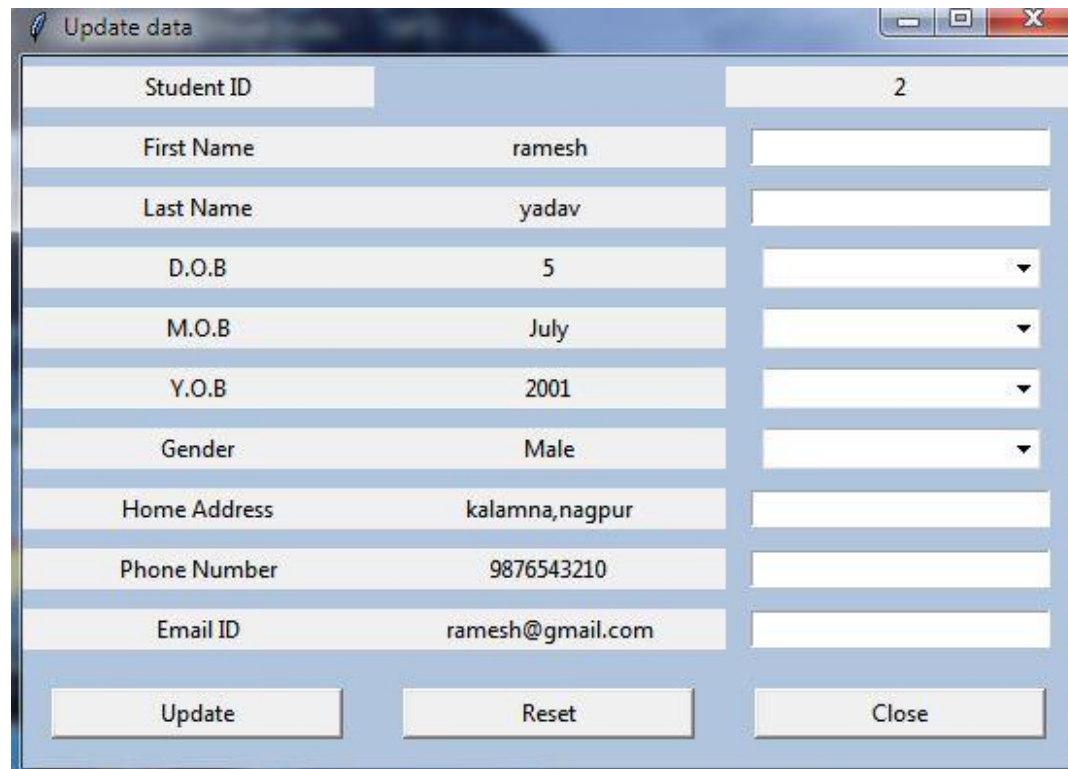
Screen Shots



Update data

Enter the ID to update

Update

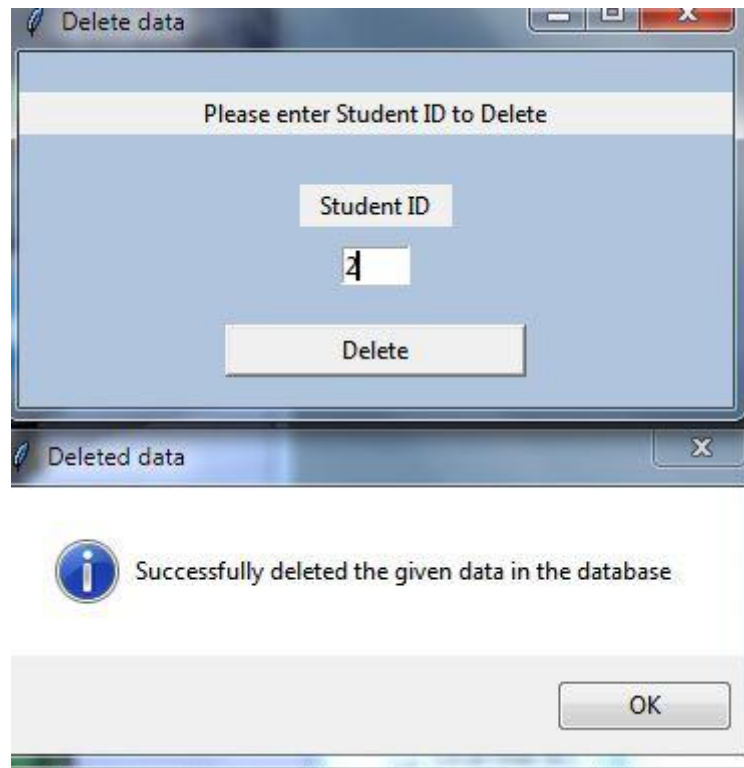


Update data

Student ID		2
First Name	ramesh	<input type="text"/>
Last Name	yadav	<input type="text"/>
D.O.B	5	<input type="text"/>
M.O.B	July	<input type="text"/>
Y.O.B	2001	<input type="text"/>
Gender	Male	<input type="text"/>
Home Address	kalamna,nagpur	<input type="text"/>
Phone Number	9876543210	<input type="text"/>
Email ID	ramesh@gmail.com	<input type="text"/>

Update Reset Close

Screen Shots



Technology Used

- Front End:

Python(Tkinter)

- Back End:

Sqlite

- IDE:

VS Code

Hardware Details

- CPU: Single Core 2.4 GHZ
- RAM: 512 MB
- Hard Drive: 5 Gigabytes
- Recommended – Processor: Pentium
- Operating System: Window(XP, Vista, 7, 8, 10), Mac OS, Linux, Unix.

Advantages & Applications

Advantages:

The advantages of Student Management System software cannot be explained but could be summarized. The world has seen a tremendous growth in technology in past few decades than in centuries; with necessity in clouding and data management, many organizations have opened their gates to simplify procedures by reducing human effort. With this software much of paper work could be circumvented.

Application:

- Any educational institute can use it.
- Data management is easy.

Conclusion

I have entirely completed our project, and our proposed system is designed to reduce the time and save the efforts of the faculties from maintaining huge amount of records.

It also provides knowledge about the latest technology used in developing desktop enabled application that will be great demand in future. This will provide better opportunities and guidance in future in developing projects.

During the development of the project we understood the importance of individual and teamwork while project development and management.

While presenting in various seminar we have enhanced our communication skills and displayed professional ethics which will result in life long ethics.

Future Scope

- In the future, Students marks can also be stored on this database.
- We will see the entire system more interactive and also be able to give statistics data.
- We can run the entire system in any operating system and also we can develop an android application of this entire system.

Thank You