

**A
PROJECT REPORT**

ON

“College Management System”

FOR



Arts, Commerce & Science College, Sonai



SUBMITTED TO SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

BY

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Under the Guidance of

Shri. Doifode S.K

IN PARTIAL FULLFILLMENT OF BACHELOR OF COMPUTER APPLICATIONS

FOR THE ACADEMIC YEAR

2020-2021



Mula Education Society's
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NAAC REACCREDITED 'A' GRADE and ISO 9001 : 2008 CERTIFIED

Date:

CERTIFICATE

This is to certify that **Mr. Kanade Sanket Bhikaji & Mr. Tandale Ganesh Shivram** rebonafide students of **Arts, Commerce and Science College, Sonai** have successfully completed the Mini project work as prescribed by the Savitribai Phule Pune University, Pune in the partial fulfillment of the requirement of Third Year, Bachelor of Business Administration (Computer Application). Program for the academic year **2020-2021**.
The Project Work titled as "Farm Management System"

Shri. Doifode.S.K

Project Guide

External Examiner

Dr. Darandale .S.R

H.O.D.

Internal Examiner

ACKNOWLEDGEMENT

At every outset we express my gratitude to almighty lord for showering his grace and blessings upon me to complete this project.

Although our name appears on the cover of this book, many people had contributed in some form or the other form to this project Development. We could not do this project without the assistance or support of each of the following we thank you all.

We wish to place on my record my deep sense of gratitude to my project guide, for his constant motivation and valuable help through the project work. Express my gratitude to **Dr. Laware S.L.(Principal)** and **DR. Darandale S.R. (H.O.D.)** of **Arts, Commerce & Science College, Sonai** for her valuable suggestions and advices throughout the **B.B.A(CA)** course. We also extend my thanks to other faculties for their Cooperation during my Course.

Finally, we would like to thank my friends for their co-operation to complete this project.

 **Mr. Kanade Sanket Bhikaji**
 **andale Ganesh Shivram**

DECLARATION

We hereby declare that the project work entitled, “**College Management System**” submitted under the guidance of **Shri. Doifode S.K.** is our original work completed under the four walls of our institute.

The Report submitted is our own work and has not been duplicated from any other source. We shall be responsible for any unpleasure moment/situation.




Mr. Kanade Sanket Bhikaji

Mr. Tandale Ganesh Shivram

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INTRODUCTION

The objective of Student information System is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile .It'll also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB etc. So all the information about an student will be available in a few seconds.

Overall, it'll make Student Information Management an easier job for the administrator and the student of any organization. The main purpose of this SRS document is to illustrate the requirements of the project Student information System and is intended to help any organization to maintain and manage its student's personal data.

Student information detail.

Daily transactions like student transaction admission entry provided receipt.

We have included certain menus which we help will do complete justice to the project.

This project is related to Management of College admission, developed for Sound Byte Computer.

In this project we are considering numbers of facilities which are provided by shop are as follows:

- a) Admission form entry
- b) Student Information
- c) All Detail

.

EXITING SYSTEM

The present work of collage management system is done manually, which can be discussing as below:

- The system starts with registration of new staff and students. When the subjects are to be allocated to the faculty, the Head of the Department should enter everything in the Excel sheets.
- Then the staff enters corresponding subject's attendance and marks of a student then those must also be entered in the Excel sheets and validations are to be done by the user itself. So there will be a lot of work to be done and must be more conscious during the entrance of details. So, more risk is involved. The system provides strong security.
- In the current system we need to keep a number of records related to the student and want to enter the details of the student and the marks manually. In this system only the teacher or the collage authority views the mark of the student and they want to enter the details of the student. This is time consuming and has much cost.

SCOPE OF SYSTEM

- This system provides security.
- It also helps to maintain student, teachers records.
- It helps to update student details quickly & easily.
- It helps to maintain database accurately.
- Since proposed system is computerized, so fast calculation is done.
- It is time saving since it maintains record accurately.
- It does manual task of existing system automatically in effective and efficient manner.
- It provides user friendly GUI.

Through this collage management system it is possible to print various reports require for the organization.

Scope of the system is as following:-

- 1) Maintain ace of master file.
- 2) Data entry for various transactions.
- 3) Printing of various reports.

For all of this clear information and understanding should have done regarding system. The proper documentation should be necessary

.proper normalization and creating database files should have done properly also various designing should have done.

Finally the system should have tested properly be tally reports that can be giving much experience in system development.

SYSTEM ANALYSIS

❖ FACT FINDING TECHNIQUES

1. Interview:-

During the system study, appointments of owner of the system have to be taken. We have to interview them to get clear idea of the system.

2. Observation:-

The basic information about various activities that are carried out can be studied through observation. This method was used to how the documents are handled and to understand the actual manual process.

3. Record Review:-

Documents study is also helped in determining the Input and output of the system. In this type of technique, as we have to study the existing/previous records and reports that helps us in generating an overview for our new system which is to be designed.

❖ FEASIBILITY STUDY

An important outcome of preliminary investigation is determination that the system requested is feasible. There are three aspects of feasibility study as follows.

1. Technical Feasibility Study:-

The main aspects of technical feasibility study in College Management System that it is secured by password that will not allow the unknown person to access the system.

2. Economical Feasibility Study:-

The proposed system is economically feasible because the cost of hardware and software installation and maintenance is affordable.

3. Operational Feasibility Study:-

The proposed system being user friendly, it can accept by anybody who has the basic knowledge of computer. This computerized system is very easy to understand.

❖ Hardware and Software Requirement

- Software Requirements:
- “The utility programs which are required to drive the Hardware of the computer are called software.”

Operating System : Windows7/10

Technology: VB 6.0

Front-End: VB 6.0

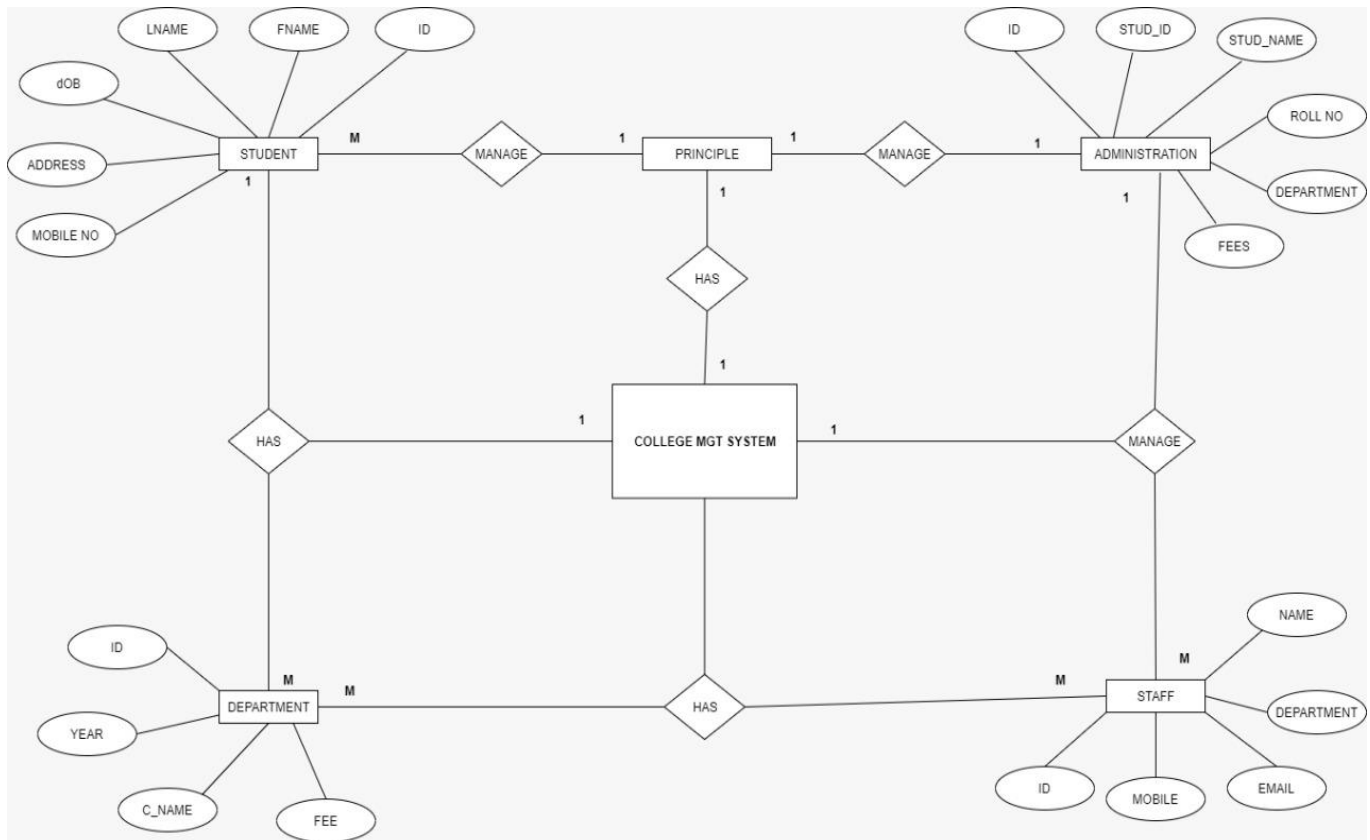
Back-End : MS-ACCESS

Crystal Report Control

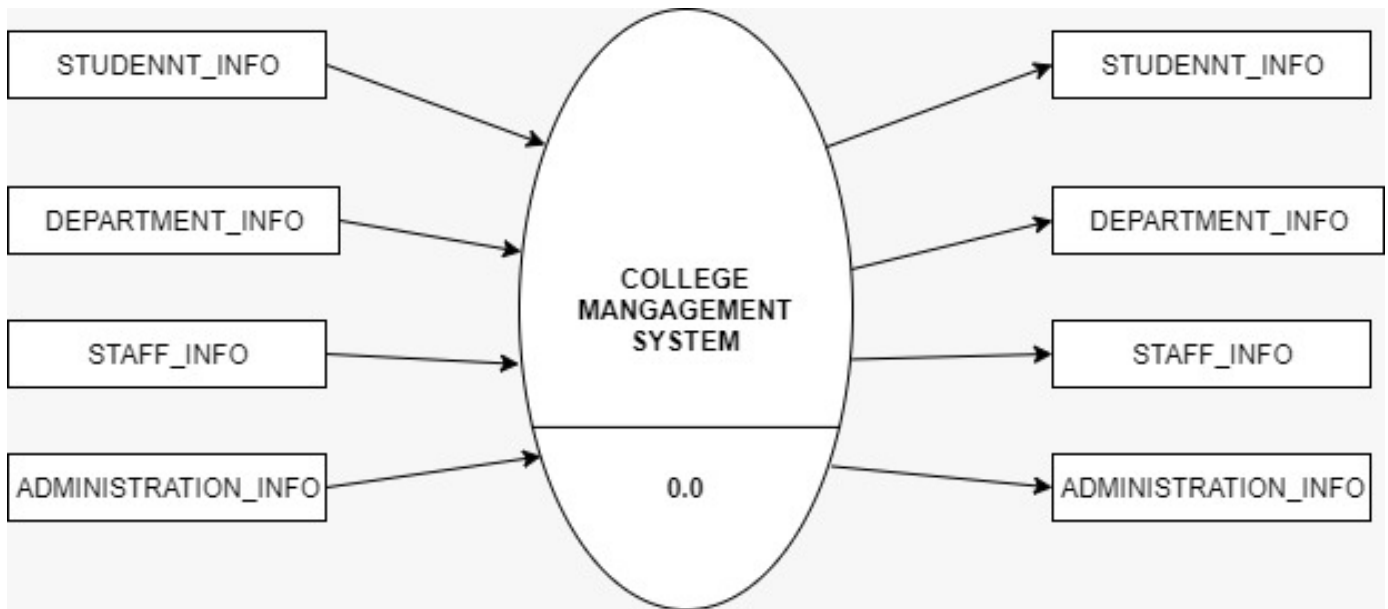
- Hardware Requirements:-
- “The entire physical equipment’s i.e. Input device, processor, output device and inter connecting equipment of computer is called as hardware”
- Processor – i3
- Hard Disk – 5 GB
- 1 GB of RAM
- Keyboard/Mouse
- LCD Display

SYSTEM DESIGN

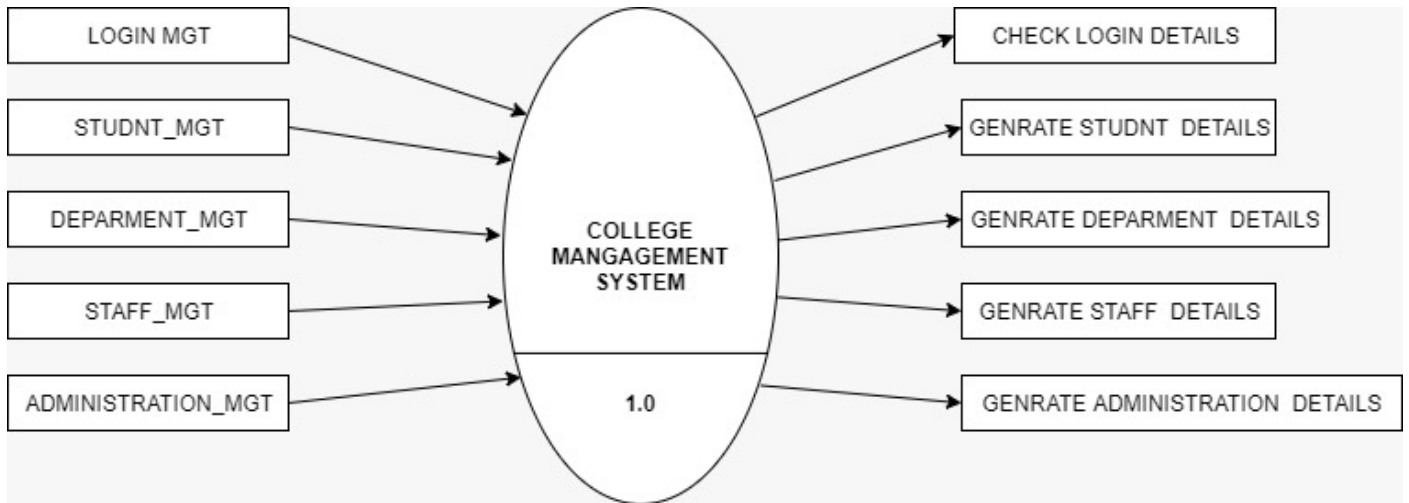
E-R diagram



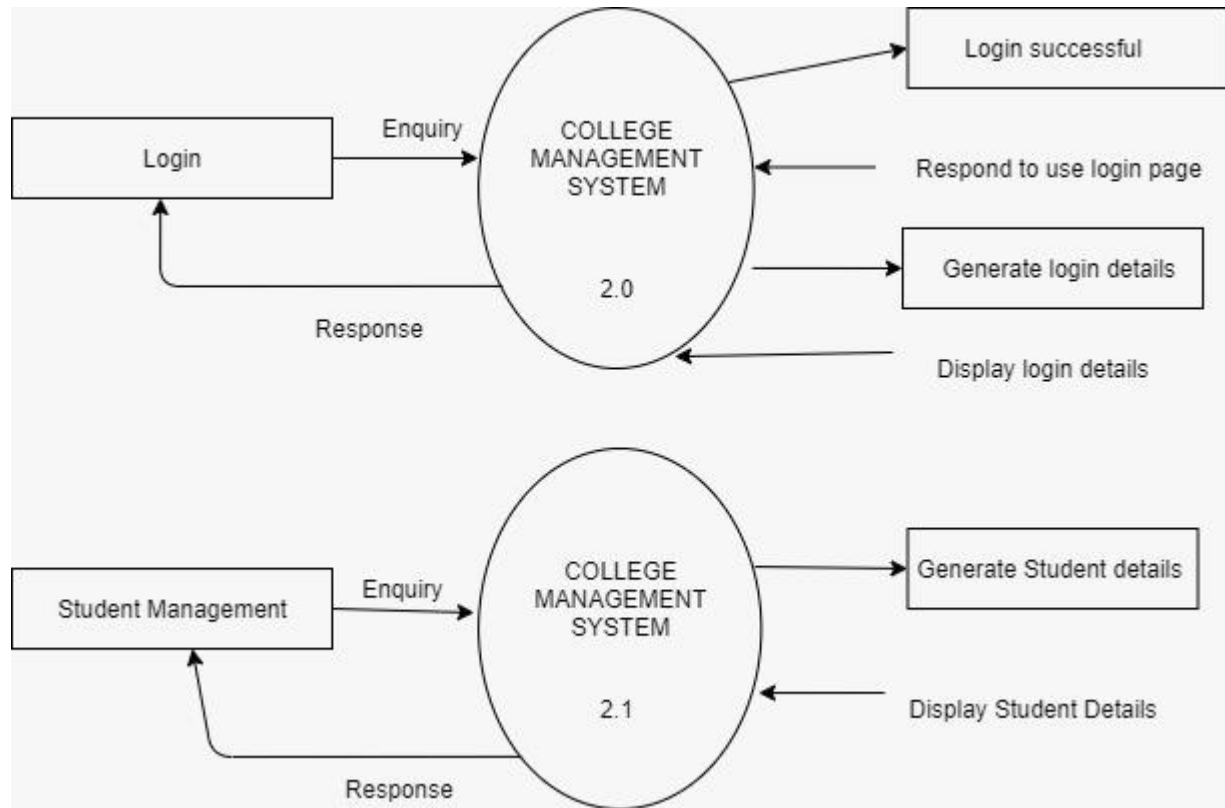
Data Flow Diagram (Level 0)

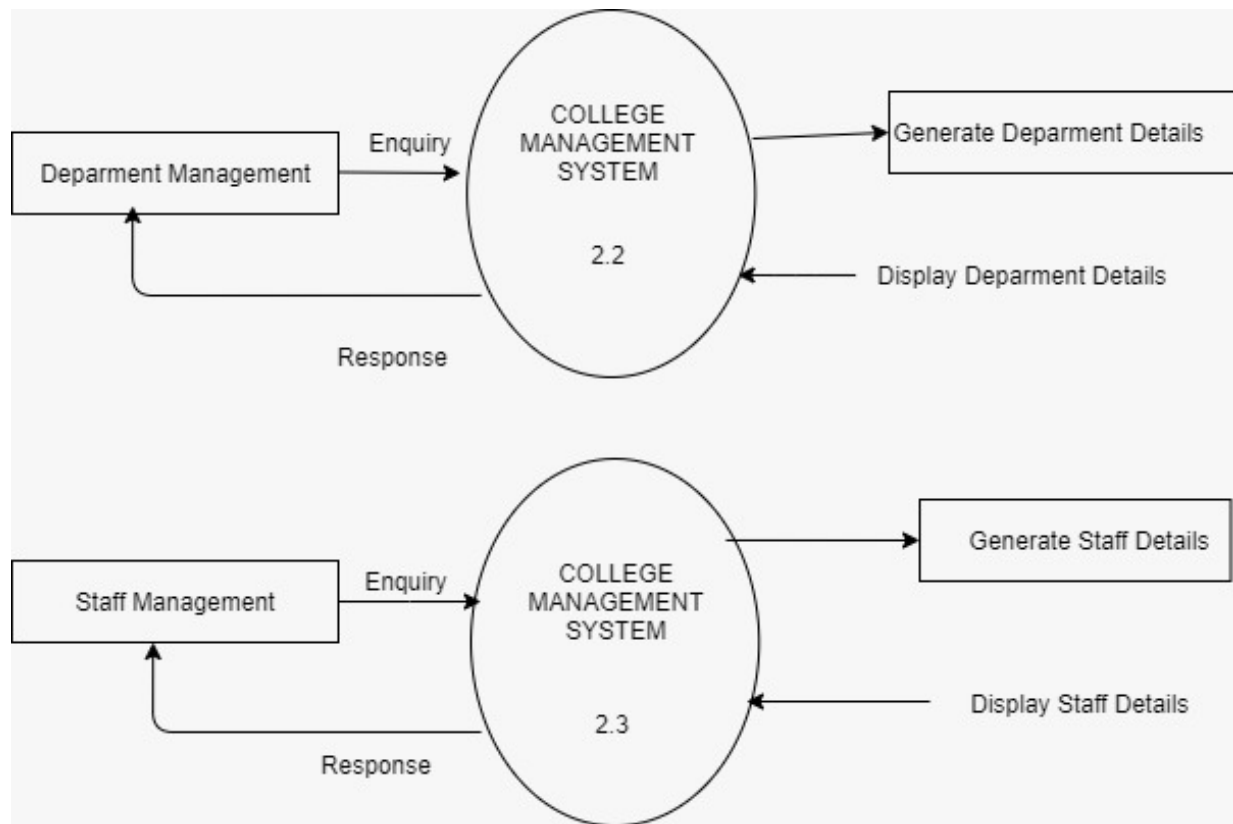


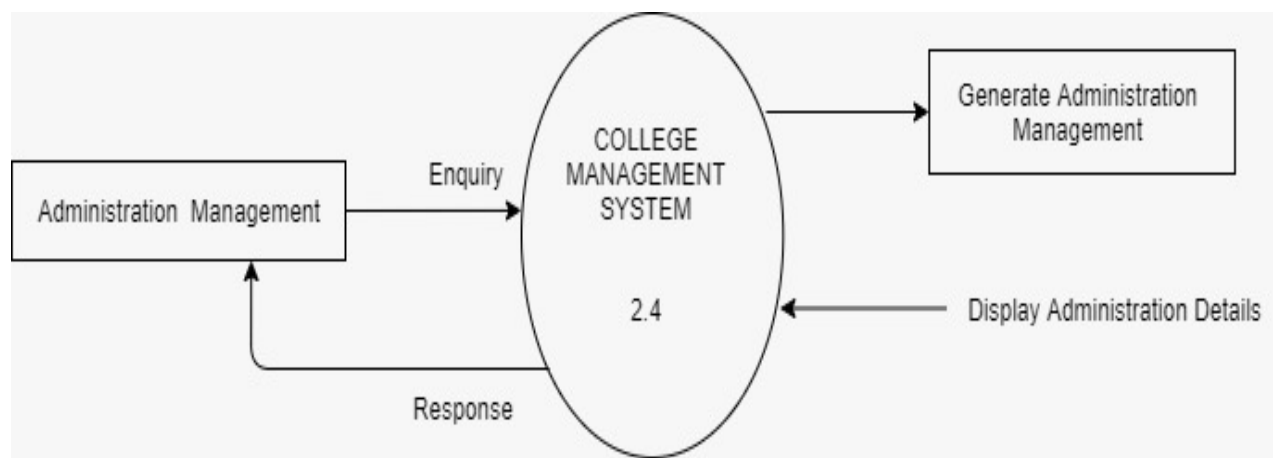
Data Flow Diagram (Level 1)



Data Flow Diagram (Level 2)







FILE DESIGN

1. Registration Master

FILED NAME	LNAME	WIDTH	CONSTRAINTS
Id	Number	10	Primary Key
Name	Text	25	
DOB	Date	25	
Address	Text	10	
Mobile	Number	25	

2. Administration Master

FILED NAME	TYPE	WIDTH	CONSTRAINTS
ID	Number	10	Primary Key
Student Id	Number	25	Foreign Key
Name	Text	25	
Roll No	Number	25	
Department	Text	10	
Fees	Number	5	

3. Course Master

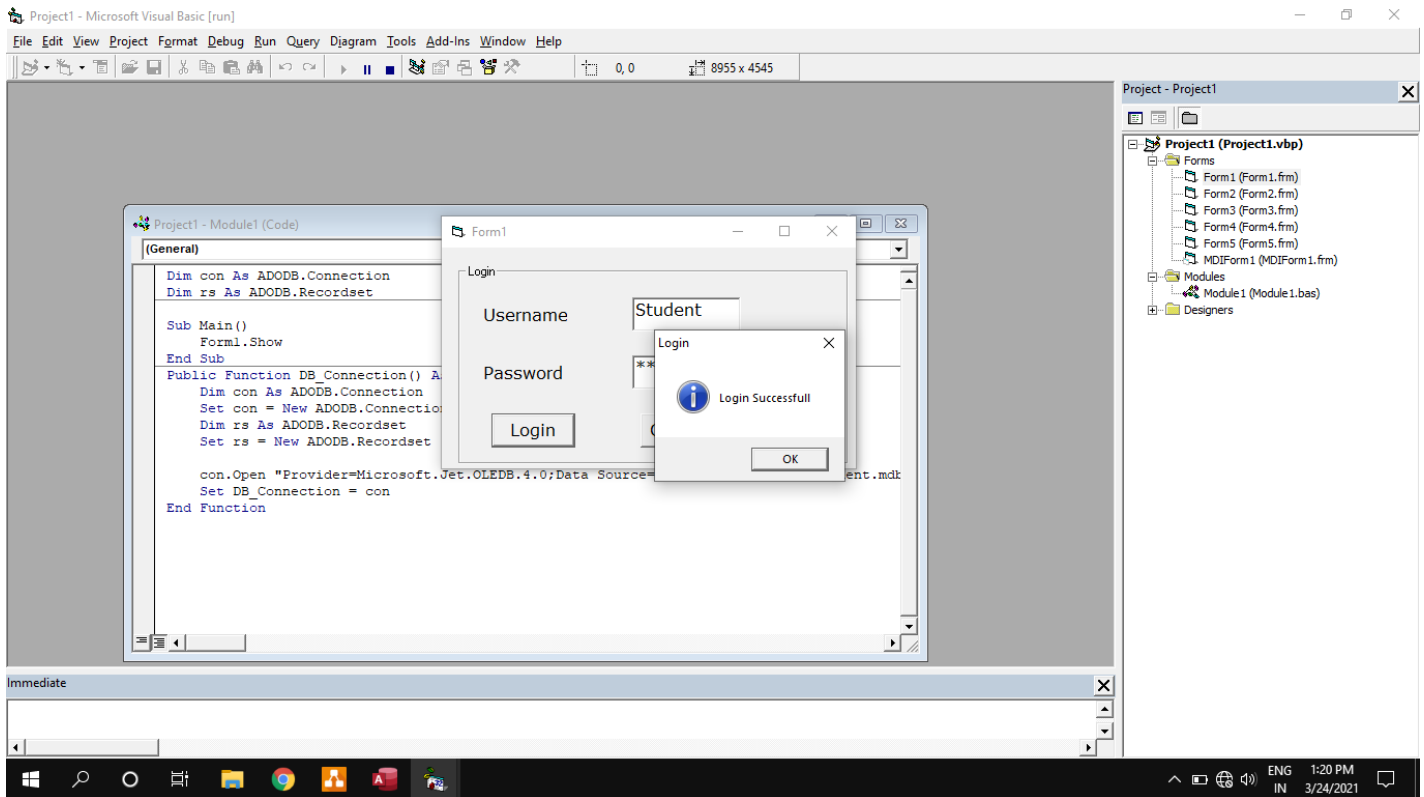
FIELD NAME	TYPE	WIDTH	CONSTRAINTS
Name	Number	10	Primary Key
Year	Text	25	
Fees	Number	8,2	

4. Staff Master

FIELD NAME	TYPE	WIDTH	CONSTRAINTS
Name	Text	10	Primary Key
Department	Text	25	
Email	Text	25	
Mobile	Number	4,2	

FORM DESIGNS (WITH INPUT)

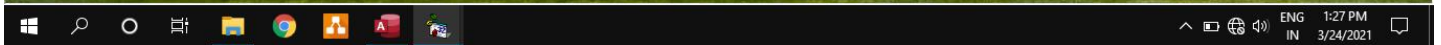
Login Form:-



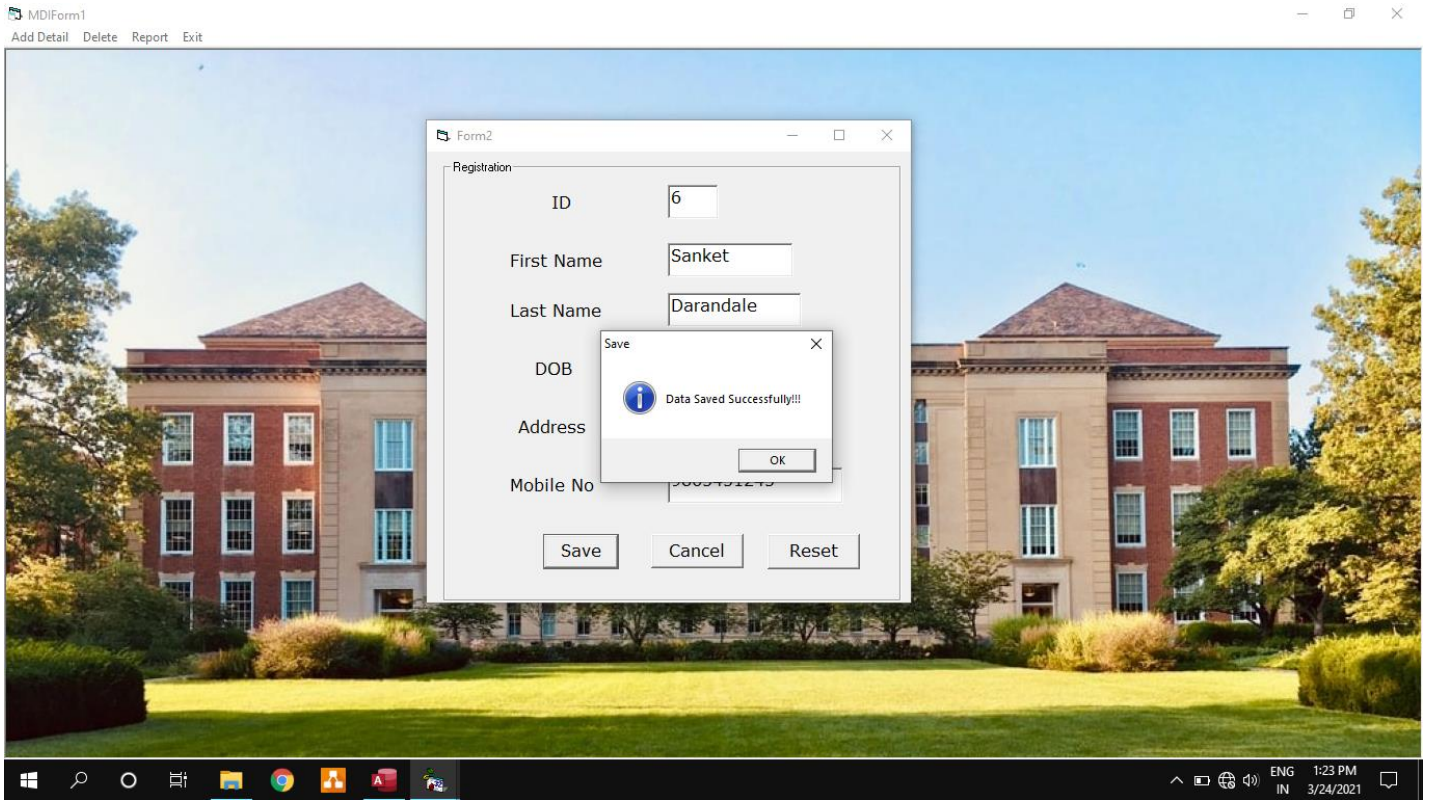
MDI Form: -

MDIForm1

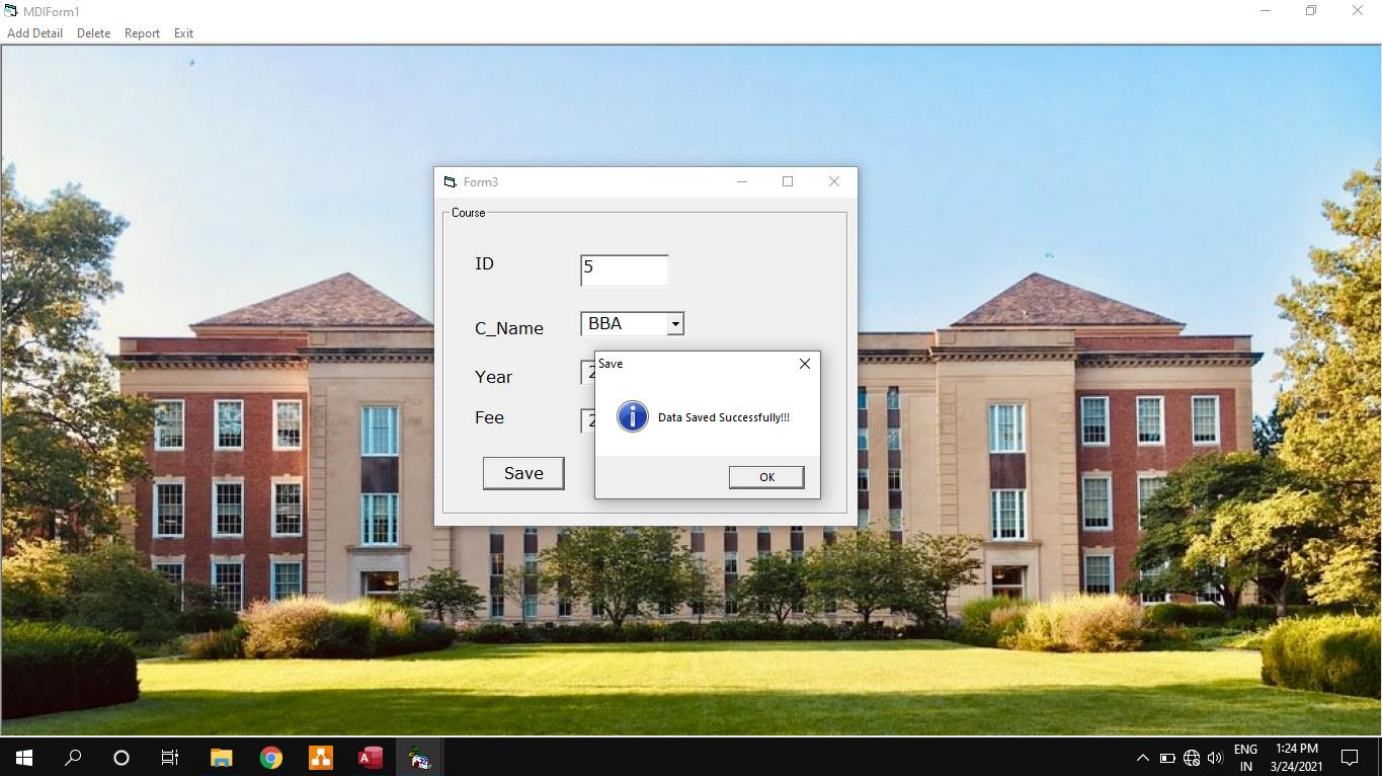
Add Detail Delete Report Exit



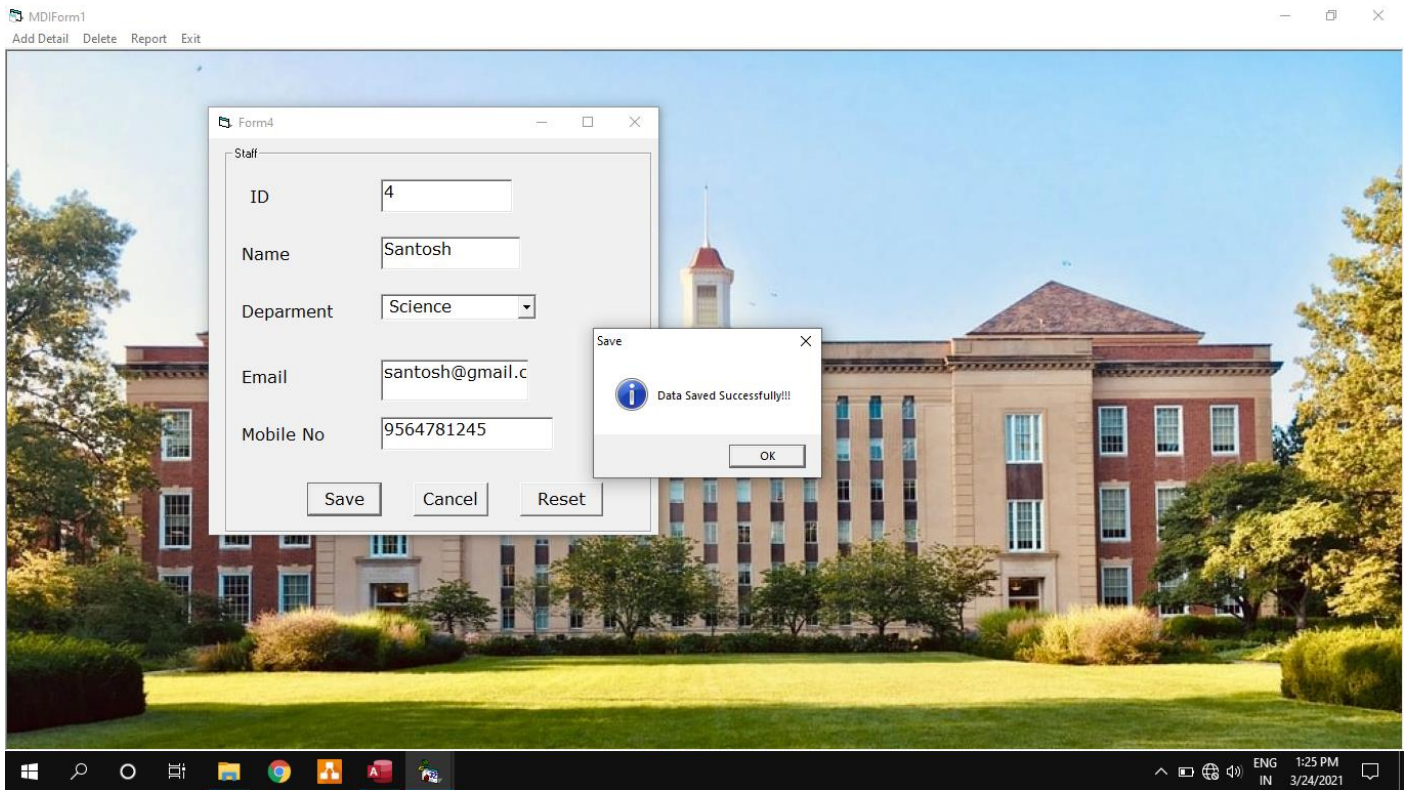
Student Registration: -



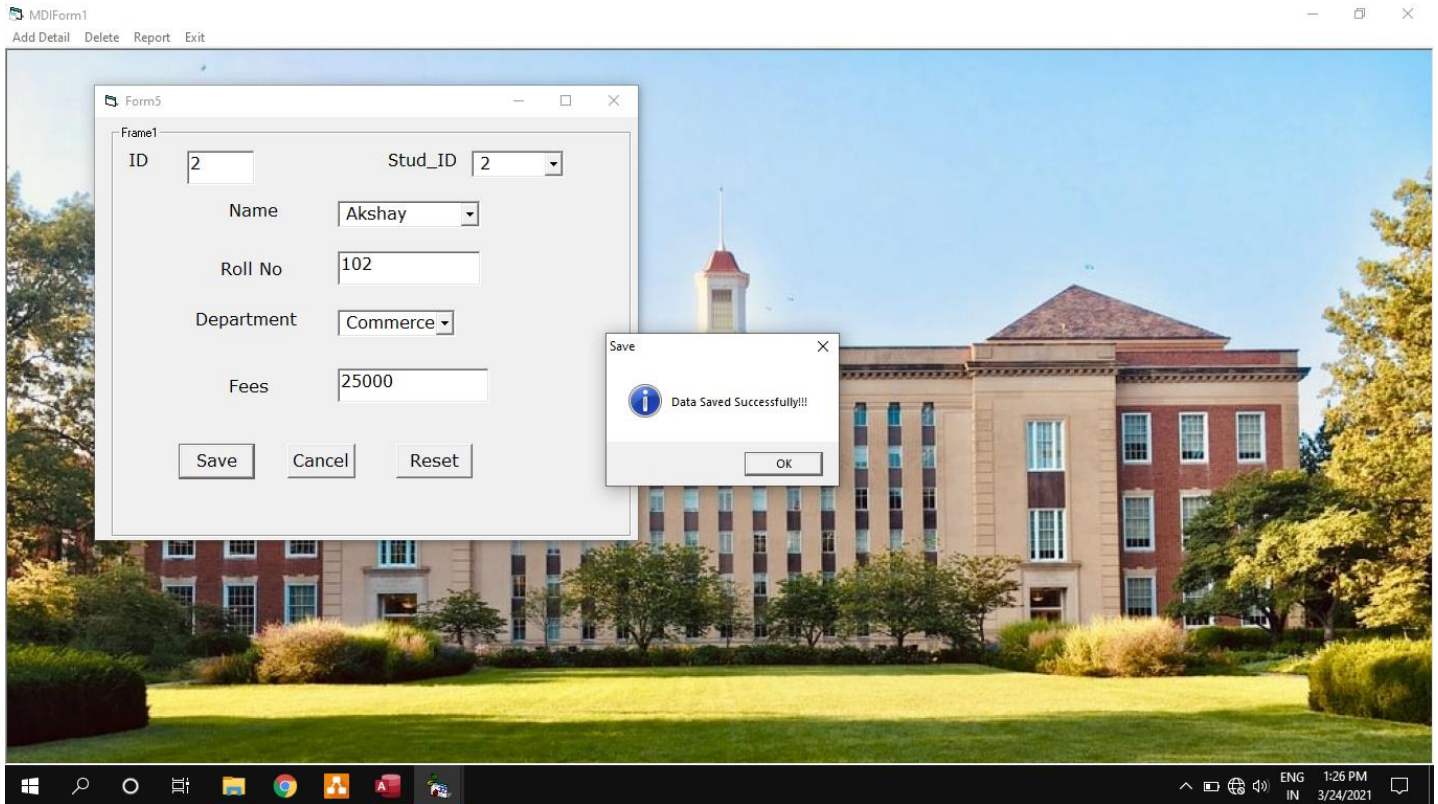
Course Registration: -



Staff Registration: -



Student Administration: -



Reports: -

MDIForm1
Add Detail Delete Report Exit

DataReport1
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Student Details

ID	FName	LName	DOB	Address	Mobile
1	Manoj	Kohale	7/4/2000	Sonai	965766674
2	Akshay	Gore	8/29/2000	warkhed	854679256
3	Sanket	Kanade	8/2/2000	Sheregv	985461237
4	Rohit	Adhav	8/15/1999	kendal	956478124
5	Rutuja	Borude	7/25/2000	Chanda	805564795
6	Sanket	Darandale	8/11/2000	sheregav	986545124

Pages: 1

Windows Taskbar: ENG IN 1:26 PM 3/24/2021

DataReport2

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Course Details

ID	Name	Year	Fee
1	BBA(CA)	2019	25000
2	BBA	2020	20000
3	BBA	2020	20000
4	BBA	2020	20000
5	BBA	2020	20000

Pages: 1

MDIForm1

Add Detail Delete Report Exit

DataReport3

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Staff Details

ID	Name	Department	Email	Mobile
1	Sanket	Commerce	sanket@gmail.com	985080241
2	Soham	Commerce	soham@gmail.com	874561237
3	Akshay	Commerce	akshay@gmail.com	865466321
4	Santosh	Science	santosh@gmail.com	956478124

Pages: 1

DataReport4

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Administrative Details

ID	Studid	Name	RollNo	Department	Fees
1	1	Manoj	101	Science	20000
3	3	Sanket	103	Commerce	250000
2	2	Akshay	102	Commerce	25000

Pages: 1

ADVANTAGES AND LIMITATIONS

Advantages:

1. Easy to keep record.
2. Easy to add new student and techar Details.
3. Easy to add logic
4. Easy to generate Payslip.
5. Easy to maintain Payslip details.

Disadvantages: -

1. Less security (Login Information not encrypted).
2. Not available for online users.
3. Single user Interface.

FUTURE ENHANCEMENT

1. Multiuser interface implementation.
2. More security to data.
3. Online availability.

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- Mastering in Visual Basic
-By Evangelos Petroutsos

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