

A
Project Report
On

SCHOOL MANAGEMENT SYSTEM

2019-2020

**Submitted in partial fulfillment of Award of
INTERMEDIATE CBSE BOARD**

FROM

BRIGHTWAY COLLEGE

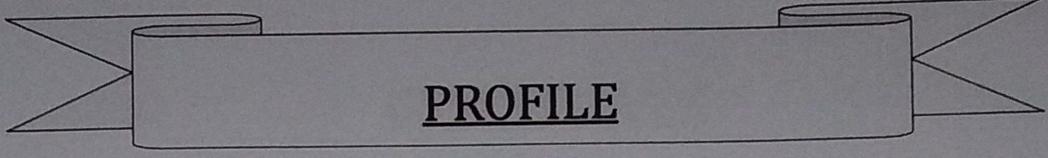
JANKIPURAM, LUCKNOW.

GUIDED BY:

NAME: MR. EHTESHAM TAHIR
DESIGNATION: P.G.T COMPUTER SCIENCE
ORGANIZATION: BRIGHTWAY COLLEGE
JANKIPURAM, LUCKNOW (U.P.)

SUBMITTED BY:

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PROFILE

Student's Name : Arth Maurya

Roll No. : 23669822

Class : XII

Course title : School Management

Institute's Name : Brightway College
Jankipuram, Lucknow.

Project topic : School Management
System.

Language Used : C++ with File handling.

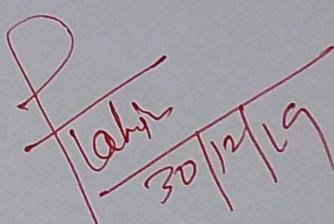
Project Guide : Mr. Ehtesham Tahir

Designation : PGT Computer Science.

CERTIFICATE

Certified that this project report entitled "**School Management System**" is the bona-fide work of **Arth Maurya** for the award of **INTERMEDIATE CBSE Board** from **Brightway College, Jankipuram, Lucknow** carried out under my supervision.

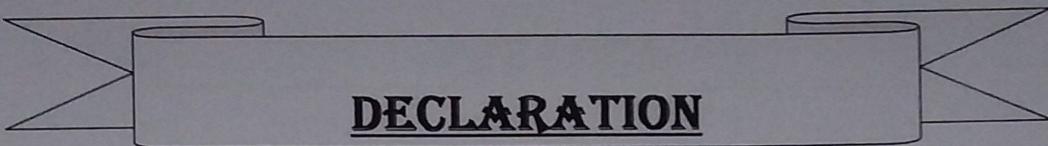
Certified further that to the best of my knowledge, the work reported here in does not form part of any other project or dissertation on the basis of which a certificate or award was conferred on an earlier occasion of this or any other candidate.



MR. EHTESHAM TAHIR
Project Guide
P.G.T COMPUTER SCIENCE
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PRINCIPAL
BRIGHTWAY INTER COLLEGE
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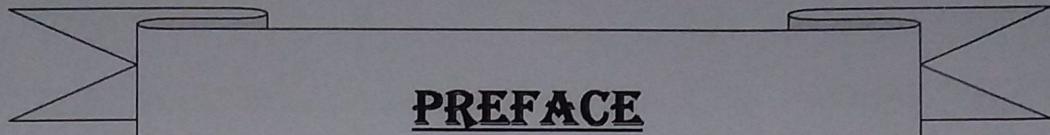
DECLARATION

I (**Arth Maurya**) student of Intermediate CBSE Board year 2019-2020 from **Brightway College, Lucknow** declare that this project is our original work and it has not previously formed the basis of award of any certificate or similar other title.

Arth Maurya

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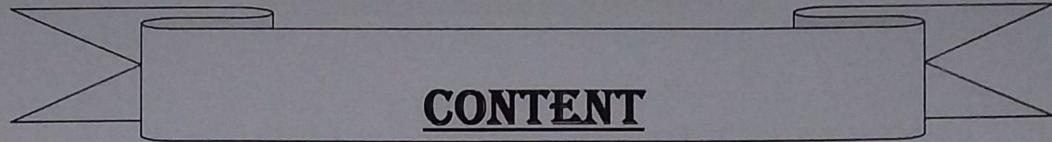


PREFACE

This project is made for the partial fulfillment of the Intermediate course.

School Management System is a project which provides faster information to viewer. It is helpful in handling all the activities of a School.

School Management System comprises of various modules, which works on different activities such as display all record of student, adding, deleting etc... Authorized users can manage users & their roles also to access the application. This application is perfectly suitable for all small scale organization to large scale organizations.



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ACKNOWLEDGEMENT

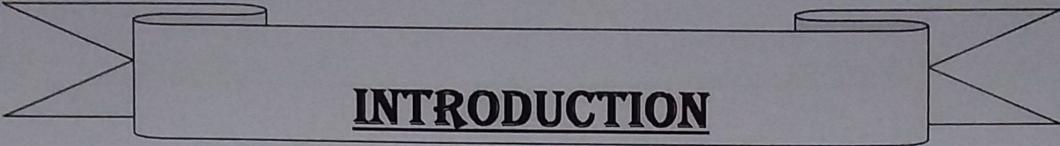
Irrespective of the magnitude of the task, it cannot be completed effectively without the help and support of other people. It is always pleasant to acknowledge the help one receives from different individuals. I wish to thank them for their time and expertise.

My hearted thanks goes to **Mr. Ehtesham Tahir**, P.G.T Computer Science, our project guide who has work hard, has been inspiring through the term and instrumental in the successful completion of this project. Without his guidance and support this project has not done successfully.

I am also thankful to **Brightway College**, where I completed my studies and my parents for providing their immense support and knowledge.

Finally, we would like to thank all my friends who very humbly gave their valuable time for providing the relevant information. We are thankful for their constant support and help.

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INTRODUCTION

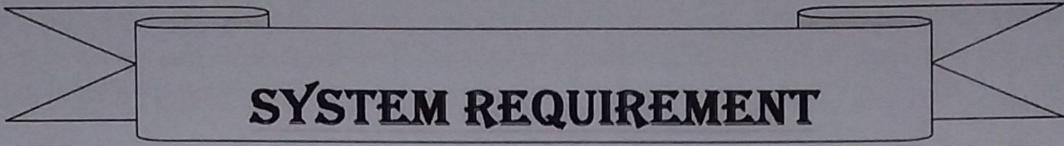
Objectives

I am developing software for School management and this software help in the keeping content of School students. School's management refers to the process of managing the records of Students by school staff. School management, if done properly, can bring down all the details of Students. How many Students should be there in a school? The answer to this question depends on the total number of students is there in a school.

There are so many Students in the school and it is difficult to operate. So, fast software tool are required to maintain School management handle flows of information regarding incoming and outgoing student in a school.

The problem of storage of the records of students on register will be solved.

Maintenance of data is very easy.



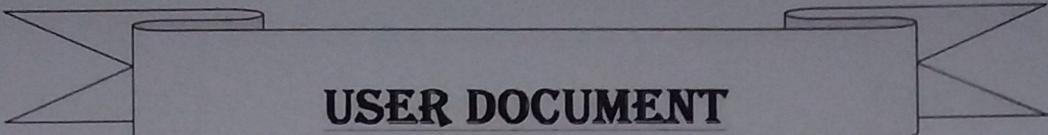
SYSTEM REQUIREMENT

Hardware requirements:

Processor	:	Intel Pentium Processor III
Speed	:	700 MHz
RAM	:	128 MB
Free HDD Space	:	10 GB
Mouse	:	3 button scroll mouse
Keyboard	:	104 keys keyboard
Monitor	:	15" color

Software Requirements:

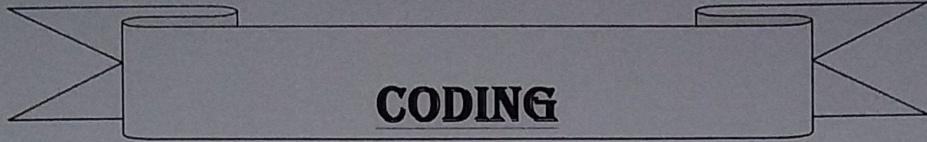
Development environment	:	C++ with File Handling Concept
Operating System	:	Microsoft WINDOWS XP



USER DOCUMENT

This project on school's management is very user interactive. The way of handling this project is very easy. When a user runs the project a welcome screen will be there. Then on pressing any key he will turn to the main menu and then there will be certain options like the following. The procedure to use all the options is listed below:

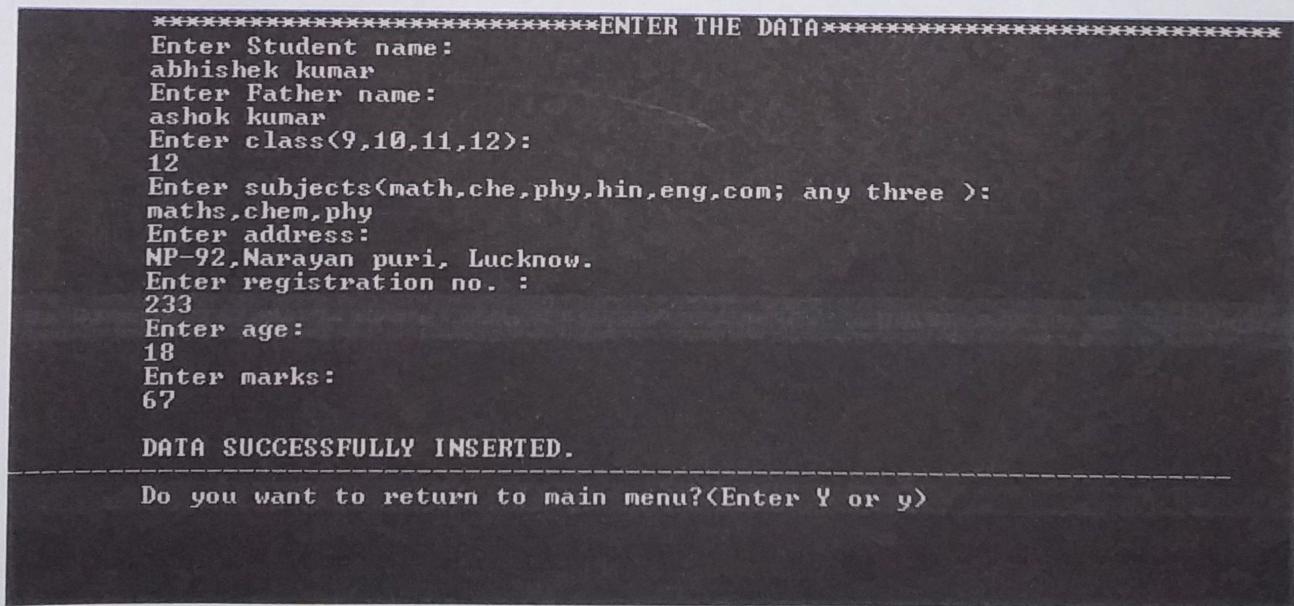
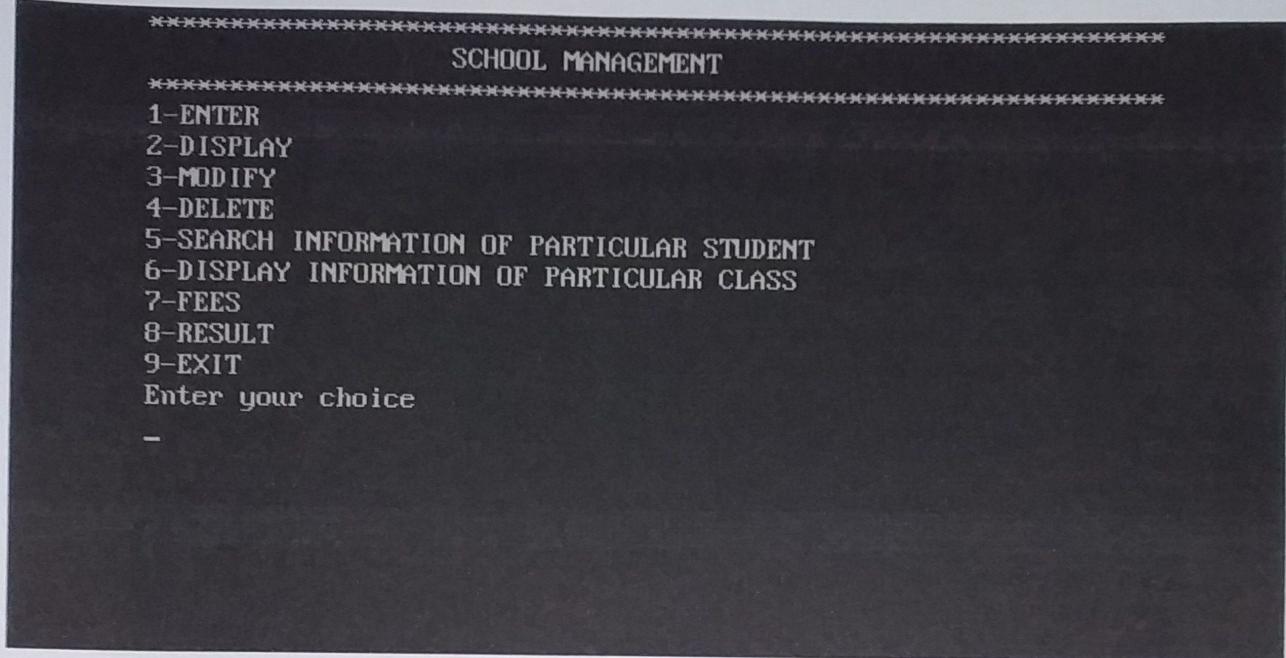
- ❖ **Enter ()**: This will turn the user to the new screen with the heading Enter The Data and ask for the student name, father name, class, subject, Address, registration no. , age. By giving the valid data the record will be saved.
- ❖ **Display ()**: After the entering of data, the whole record will be displayed.
- ❖ **Modify ()**: This will enable the user to modify any specified student record. This turns the new screen asking for the registration number. If the registration no. entered by the user matches with any of them contained in the school record, then it will display that record and asking the user what he wants to modify in the record. It will ask for new record and then the record is modified.
- ❖ **Delete ()**: This will enable the user to delete any specified student record. This turns the new screen asking for the registration no. of the student. If the registration no. of the student entered by the user matches, then it will display that record and ask if he wants to delete record or not. if user enters y, then that specific record will be deleted. Otherwise it will remain in the record.
- ❖ **Searchstu ()**: This will enable the user to search any specified student record. This turns the new screen asking for the name of the student and then class. If the name of the student and class entered by the user matches with any of them contained in the school record, then that specific record will be displayed.
- ❖ **Displayclass()**: This will enable the user to search student record of particular class. This turns the new screen asking for the class whose record is to be displayed. After entering the class it will show record of all the student record of particular class.
- ❖ **Fees()**: This will enable the user to know the fees of student of different classes. This turns the new screen asking for the name of student ,father name and then class. If the data entered by the user matches with any of them contained in the record, then fees of that specific student will be displayed.
- ❖ **Result()**: This will enable the user to know the result of particular student. This will ask the user to enter the registration no. of student. If the registration no. of student entered by the user matches with any of them contained in the record, then result of that student will be displayed.
- ❖ **Exit ()**: This will enable the user to return back to the source code.



CODING

```
#include<iostream.h>
#include<process.h>
#include<fstream.h>
#include<string.h>
#include<stdio.h>
#include<conio.h>
class school
{
char sname[25], fname[25], add[40], sub[20], grade;
int rn, clas, age, fees, marks;
public:
school()
{
age=0, fees=0, marks=0, rn=0;
}
void updatei(int c)
{
if(c==9)
{cout<<"\n\t1100\n";
}
else
if(c==10)
{cout<<"\n\t1400\n";
}
else
if(c==11)
{cout<<"\n\t1800\n";
}
else
if(c==12)
{cout<<"\n\t2100\n";
}
}
void new_name(char d[])
{
strcpy(sname,d);
}
void n_fname(char e[])
{
strcpy(fname,e);
}
void n_add(char f[])
{
strcpy(add,f);
}
```

OUTPUT



BIBLIOGRAPHY

The books which guided me in the successful preparation of this project are listed below:

- COMPUTER SCIENCE with C++ for class XII

By: SUMITA ARORA

Taken help from Internet:

- <http://www.cbseportal.com>
- Wikipedia
- Books.google.co.in

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