

A Project Report
On
MARKSHEET MANAGEMENT

Submitted by

Riddhi Srivastava , Roll No.- 2215001442

Sagar Rajput , Roll No.- 2215001523

Sakshi Gautam , Roll No.-2215001552

Riya Gupta , Roll No.-2215001482

Sahil Sharma , Roll No.-2215001531

Supervisor

JUGINDER PAL SINGH

Faculty Of Computer Science Engineering

**Department of Computer Engineering
GLA UNIVERSITY , MATHURA**



GLA University, Mathura - 281406

Date of Submission: 14.01.2023

DECLARATION

We,

Riddhi Srivastava , BTech CSE 22-23 , Roll.no-2215001442

Sagar Rajput , BTech CSE 22-23 , Roll.no-2215001523

Sakshi Gautam , BTech CSE 22-23, Roll.no-2215001552

Riya Gupta , BTech CSE 22-23 , Roll.no-2215001482

Sahil Sharma , BTech CSE 22-23 , Roll.no-2215001531

hereby declare that the work presented in this project report entitled “MARKSHEET MANAGEMENT” is an authentic record of our own work carried out under supervision of JUGINDER PAL SINGH, Faculty of Computer Science and Engineering.

RIDDHI SRIVASTAVA ROLL NO. 51	SAGAR RAJPUT ROLL NO. 54	SAKSHI GAUTAM ROLL NO. 56
----------------------------------	-----------------------------	------------------------------

RIYA GUPTA ROLL NO. 53	SAHIL SHARMA ROLL NO. 55
---------------------------	-----------------------------

CERTIFICATE

This is to certify that the above statement made by the students are correct to the best of my knowledge and belief.

Date: 14 January 2023

Place: Mathura

JUGIDER PAL SINGH

FACULTY OF COMPUTER SCIENCE ENGINEERING

Contents

Certificate& Declaration	ii
Table of Contents	iii
1. Introduction, Motivation and Objective	6
2. Project Description and Work done	7-14
3. Geotagged Images of Students at the place of work	15
4. Findings and Conclusion	16
Bibliography/ References	17

Chapter - 1

Introduction, Motivation and Objective

This Marksheet Management System is a system that can calculate and generate marks of the students in the form of grades. It is more like a “Student Grade Sheet Management System Project” where no manual calculations and operations are required. The project aims helping an educational institution by generating and handling grades of every student for each subject. The system will manage the information of the various students enrolled in the institution and the marks obtained by the students in the enrolled subjects. The system will greatly simplify the tedious task of record handling of each student and will speed up the result preparation process.

Two main features of this project are:

1. Creating a record file of students,
2. Entering marks in marksheet ,
3. and printing the marks.

All these functions are done by this system.

The marksheet includes “student details”, “percentage obtained” and “grade points obtained” by the student. Students’ name, roll number, date of birth, parents’ details, school name , and class are to be provided in student details. All these information are saved in the system.

THEORY OF MARKSHEET MANGEMENT SYSTEM

This is a project to maintain student details like:

Roll Number

Name

Marks of Physics

Marks of Chemistry

Marks of Mathematics

Marks of Computer

Marks of English

Total

Grade obtained etc.

Here we have options for

- Adding a new record in the binary file
- Displaying all the records from the file

- Search a record on the basis of roll no

Chapter - 2

Description and Work done

The program creates a record file of the student and stores the data of the student. Further the file can be accessed by entering the roll number of the student and the marksheet is generated. On the basis of entered marks the program calculates and displays the percentage and grade obtained by the student.

PROGRAM

```
#include <stdio.h>

#include <string.h>

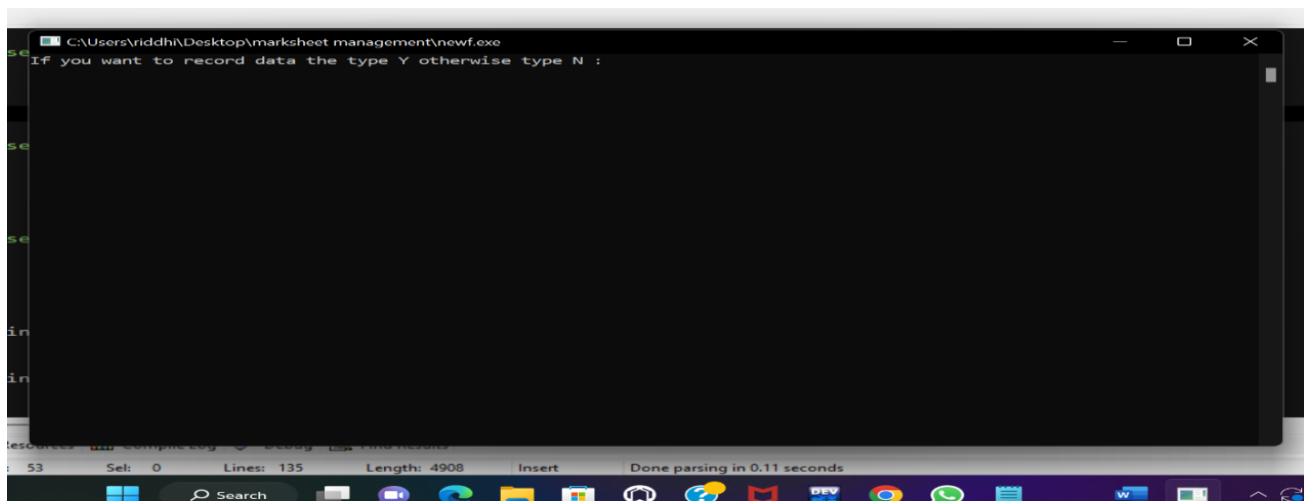
int main() {

    char temp[10],temp1[10], rollno[20], name[20], fname[20], mname[20], sch[40],dob[20],
    class1[5],subjcode[5][10]= {"EN-102", "CH-104", "CS-111", "MA-107", "PH-101"},subjects[5][20] =
    {"ENGLISH","CHEMISTRY", "COMPUTER SCIENCE", "MATHEMATICS", "PHYSICS"}, yn,num1[6];

    int i,j,num[5],result,total=0; float per;

    printf("If you want to record data the type Y otherwise type N :");

    scanf("%c",&yn);
```



```

FILE *ptr;

ptr=fopen("record.txt","a");

FILE *fptr;

fptr=fopen("recordm.txt","a");

if(yn=='y'||yn=='Y'){

printf("\n\n\t\tMarksheet management of school\n\n");

fgets(temp,5,stdin);

printf("Enter roll No.: ");

fgets(rollno,20,stdin);

fputs(rollno,ptr);

fputs(rollno,fptr);

printf("Enter your name: ");

fgets(name,20,stdin);

fputs(name,ptr);

printf("Enter father name: ");

fgets(fname,20,stdin);

fputs(fname,ptr);

printf("Enter mother name: ");

fgets(mname,20,stdin);

fputs(mname,ptr);

printf("Enter school name: ");

fgets(sch,40,stdin);

fputs(sch,ptr);

printf("Enter date of birth in dd-mm-yyyy format: ");

fgets(dob,15,stdin);

fputs(dob,ptr);

printf("Enter class: ");

fgets(class1,5,stdin);

fputs(class1,ptr);

printf("Enter subject marks\n");

for(i=0;i<5;i++){

```



```

printf("%s: ",subjects[i]);

scanf("%d",&num[i]);

if(num[i] > 100 || num[i] < 1)
{
    printf("invalid marks enter valid marks\n");
    i--;
}

for(i=0;i<5;i++){
    fputc((char)(num[i]),fptr);
}

fclose(ptr);
}

```

```

C:\Users\viddh\\Desktop\marksheet management\newf.exe
If you want to record data the type Y otherwise type N : Y
Y

Marksheet management of school

Enter roll No.: 1442
Enter your name: AKASH SHARMA
Enter father name: MR VINOD SHARMA
Enter mother name: SMT RADHA SHARMA
Enter school name: WISDOM HIGH PUBLIC SCHOOL
Enter date of birth in dd-mm-yyyy format: 26-10-2004
Enter class: 12
Enter subject marks
ENGLISH: 78
CHEMISTRY: 98
COMPUTER SCIENCE: 78
MATHEMATICS: 77
PHYSICS: 89

-----
Process exited after 91.38 seconds with return value 0
Press any key to continue . . .

```

```

else {

printf("\n\n\t\tMarksheet management of school\n\n");

fgets(temp,5,stdin);

printf("Enter roll No.: ");

fgets(rollno,20,stdin);

ptr=fopen("record.txt","r");

for(i=0;i<100;i++){

fgets(temp,10,ptr);

fgets(name,20,ptr);

fgets(fname,20,ptr);

```

```

fgets(mname,20,ptr);
fgets(sch,40,ptr);
fgets(dob,20,ptr);
fgets(class1,5,ptr);
result=strcmp(temp,rollno);
if(result==0)
break;
}
fclose(ptr);
fptr=fopen("recordm.txt","r");
for(i=0;i<100;i++){
    fgets(temp,10,fptr);
    for(j=0;j<5;j++){
        num1[j]=fgetc(fptr);
        num[j]=(int)num1[j];
    }
    result=strcmp(temp,rollno);
    if(result==0)
        break;
}
if(result==0){
    for(i=0;i<5;i++){
        total=total+num[i];
    }
    per = total / 5;
    printf("\n|-----\n");
    printf("|          COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS          |\n");
    printf("|-----\n");
    printf("|Your name: %s\t\n", name);
    printf("|Father name: %s\n", fname);
    printf("|Mother name: %s\n", mname);

```



```
|-----  
|RESULT : PASS IN FIRST DIVISION  
|GRADE : B  
|PERCENTAGE OBTAINED : 64.00  
|-----
```

```
}  
  
else if (per >= 41 && per <= 59)  
{  
    printf("|RESULT : PASS IN SECOND DIVISION\n");  
    printf("|GRADE : C\n");  
    printf("|PERCENTAGE OBTAINED : %.2f\n",per);
```

```
|-----  
|  
|-----  
|RESULT : PASS IN SECOND DIVISION  
|GRADE : C  
|PERCENTAGE OBTAINED : 55.00  
|-----
```

```
}  
  
else if (per >= 33 && per <= 40)  
{  
    printf("|RESULT : PASS IN THIRD DIVISION\n");  
    printf("|GRADE : D\n");  
    printf("|PERCENTAGE OBTAINED : %.2f\n",per);
```

```
|-----  
|RESULT : PASS IN THIRD DIVISION  
|GRADE : D  
|PERCENTAGE OBTAINED : 39.00  
|-----
```

```
}
```

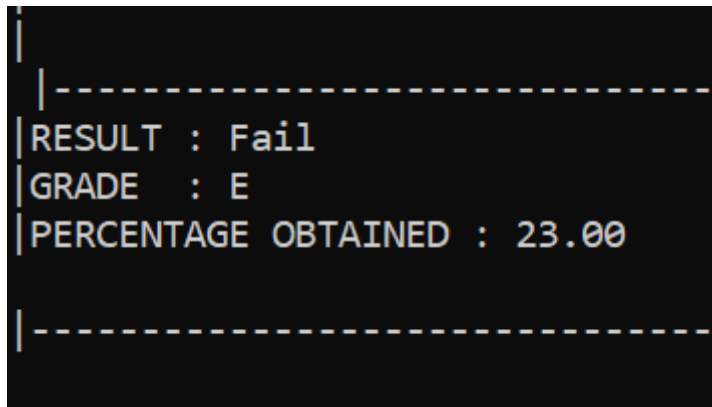
```
else if (per >= 1 && per <= 32)
```

```
{
```

```
    printf("|RESULT : Fail\n");
```

```
    printf("|GRADE : E\n");
```

```
    printf("|PERCENTAGE OBTAINED : %.2f\n",per);
```



```
|  
|-----  
|RESULT : Fail  
|GRADE : E  
|PERCENTAGE OBTAINED : 23.00  
|-----
```

```
}
```

```
    printf("\n|-----  
---\n\n");
```

```
}
```

C:\Users\riddhi\Desktop\project presentation\project_123.exe

Marksheet management of school

Enter roll No.: 1442

COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS

Your name: AKASH SHARMA

Father name: MR VINOD SHARMA

Mother name: SMT RADHA SHARMA

class: 12

Roll Number: 1442

Date of birth: 26-10-2004

School name: WISDOM HIGH PUBLIC SCHOOL

SUBJECTS	MAX MARKS	MIN MARKS	THEORY MARKS
EN-102	100	33	78
CH-104	100	33	98
CS-111	100	33	78
MA-107	100	33	77
PH-101	100	33	89
500		TOTAL MARKS OBTAINED	420
RESULT : PASS IN FIRST DIVISION			
GRADE : A			
PERCENTAGE OBTAINED : 84.00			

else

printf("Record doesn't exist.");

}

}

The program categorises the students division and grades (from A-E) according to the percentage obtained by them.

Students are awarded 1st division and grade A if the percentage lies between 80%-100%.

Students are awarded 1st division and grade B if the percentage lies between 60%-79%.

Students are awarded 2nd division and grade C if the percentage lies between 41%-59%.

Students are awarded 3rd division and grade D if the percentage lies between 33%-40%.

Students are declared fail and grade E is given if the percentage is less than 33%.

Chapter - 3

Geotagged Images of Students at the place of work

Geotagged Image 1	Geotagged Image 2
Geotagged Image 3	Geotagged Image 4

Chapter - 4

Findings and Conclusion

The program makes the task of creation, handling and maintenance of student record easy and helps in the generation of the marksheet for the students.

The program categorises the student into divisions according to the marks obtained and the percentage obtained by them in the subjects.

The program is easy to understand and to deal with.

Bibliography/ References

We would like to thank our institution GLA UNIVERSITY for giving us the opportunity to prepare a project on “MARKSHEET MANAGEMENT SYSTEM”. And we would like to thank our supervisor “MR JUGINDER PAL SINGH” for his guidance and constant support throughout the project.

THANKING YOU