

# #AUTOMATIC GRADING SYSTEM

## # INTRODUCTION:

#Today there are lot of college and school is presently and it is increasingly each day

# so it is difficult to become check the exam copies of each student correctly at the particular time

# To solve this problem ,going to build a marksheet generation system

# A student can interactively use this system to check the correctness of his program assignments. The grade for a correct solution is automatically recorded

## # SWAT ANALYSIS:

### ## strength

It is very usefull for staff to generate marks and grade.

It reduces the time

It is usefull for all colleges and schools

It gives subject wise mark and grades to identify

It also generate percentage also pass or fail in table formation

### ## Weakness

Lot of error while generating students marks

### ## oppurtunity

User can generate all subject marks,grades and percentage in a single sheet with neat tabulation.

### ## Existing System:

Looking at the existing mark sheet management system, it is found that many educational institutions, mainly engineering colleges, have incorporated “Grading System” in their educational stream. But, the problem here is that they are still using manual methods for calculating grades and entering in them in the marksheet. This is a very time consuming and uneconomical process.

### ## Proposed System:

In this proposed Marksheet Management System in VB.NET, automatic grade generation can be done. Basic information of the student such as courses taken, subjects, semester, etc. need to be provided, and then the grades are calculated automatically and the final result is shown.

## ## Features:

Two main features of this project are: entering marks in mark sheet and printing marks. Both these functions are done automatically by this software application. Some other features of the project are save, cancel and exit from the application.

The marksheet entry form includes “student details” and “grade points obtained” by the student. Students’ name, registration number, exam roll no., semester, courses and exam type are to be provided in student details. All these information are saved in the system.

## # REQUIREMENTS:

### ## HIGH LEVEL REQUIREMENTS:

Accept your semester marks & practical marks and calculate total, percentages verify subject mark between 0-100 & practical also. If subject not cleared add '#’.

### # LOW LEVEL REQUIREMENTS:

#### # Hardware requirement:

RAM: 1 GB or above.

Hard disk: Minimum 20 GB free space.

Processor: Pentium 4 (1.6 GHz) or higher.

#### ## Software requirement:

Operating system: Windows XP/ 2000/ Visual studio code/ 7/ 8/ 10.

Front End: Microsoft Visual studio 2005.

Back End: AS. NET.

Database: Microsoft SQL Server.

## # 4 W's and 1 H

### ## where is it used ?

It is used for all colleges and school for calculating marks.

### ## who will benefit ?

All school and colleges will benefit for calculating percentages and marks in easy way.

# When

User can be used when the exam and paper valuation is over.

# What

Marksheet sheet generation system,user can calculaate student subject mark,grades,percentage,pass or fail using this system

# how does this work ?

Enter all subject marks while asking and it will display percentage ,grades and detail of the student

## SOURCE CODE

```
#include<stdio.h>
#include<string.h>
#include<stdlib.h>

int m,edc,o,p,q1,r,total,per,t1,t2,t3,t4,t5;
char b[20],ch[20],a[50],e[8],d[30],grade,res[5],rem[16],q,x,y,u,v;
char s[] = "pass";
char s1[] = "fail";
char s3[] = "Congratulations";
char s4[] = "    ";

void inputfunction(){
    printf(" name : ");
    scanf("%s",ch);
    printf("place : ");
    scanf("%s",b);
    printf("college name : ");
    scanf("%s",a);
    printf("DATE: ");
    scanf("%s",d);
    printf("Medium : ");
    scanf("%s",e);
    printf("ROLL NO : ");
    scanf("%d",&r);
```

```

        printf("\nEnter MATHEMATICS ");
scanf("%d",&m);
if(m>=100){
    printf("\nplz enter less than 100 ");
}
    printf("\nEnter Electronic Devices & Circuits ");
scanf("%d",&edc);
if(edc>=100){
    printf("\nplz enter less than 100 ");
}
    printf("\n EM");
scanf("%d",&o);
if(o>=100){
    printf("\nplz enter less than 100 ");
}
    printf("\n c program ");
scanf("%d",&p);
if(p>=100){
    printf("\nplz enter less than 100 ");
}
    printf("\nNLC");
scanf("%d",&q1);
if(q1>=100){
    printf("\nplz enter less than 100 ");
}

}

void displayfunction(){
    int i=0,i1=0,j=0,j1=0,k=0,k1=0,l=0,l1=0;
    while(i1<50){
        printf("*");
        i1++;}
printf("\n|");

```

```

printf("\n| \t\t SEMESTER OF BACHELOR OF ENGINEERING  ");
printf("\n\n");
while(i<50){
    printf("-");
    i++;
}

printf("\n| Name :                               %s | ",ch);
printf("\n| DATE :                               %s | ", d);
printf("\n| PLACE :                               %s | ",b);
printf("\n| CLG NAME :                               %s | ",a);
printf("\n| MEDIUM :                               %s | ",e);
printf("\n| ROLL NO. :                               %d\n",r);
while(j<50){
    printf("-");
    j++;
}

printf("\n| \t subject                               | marks|Total |Obtained|");
while(k<50){
    printf("-");
    k++;
}

printf("\n| MATHEMATICS                               | %d   | 100   |%d %c   |",m,m,q);
printf("\n| Electronic Devices & Circuits | %d   | 100   |%d %c   |",edc,edc,x);
printf("\n| EM                               | %d   | 100   |%d %c   |",o,o,y);
printf("\n| C program                       | %d   | 100   |%d %c   |",p,p,u);
printf("\n| Nlc                             | %d   | 100   |%d %c   |",q1,q1,v);

while(l<60){
    printf("-");
    l++;
}

printf("\n| marks obt | Out of Marks |Percentage | Result| GRADE |\n");
while(l1<60){
    printf("-");
    l1++;
}

```

```

        }

printf("\n|   %d   | 500   |
        %d
        |   %s   %c  \n",total,per,res,grade);
while(k1<60){
    printf("***");
    k1++;}

printf("\n");
printf("\n%s  You are %sed
!",rem,res);
printf("\n \n");
while(j1<60){
    printf("***");
    j1++;}

printf("\n MADE BY Abinaya \n");
}

int calculatefunction(){

    char res[5];
    t1=m;
    t2=edc;
    t3=o;
    t4=p;
    t5=q1;
    total = t1+t2+t3+t4+t5;
    per = total/5;

    if(per>= 90)
        grade = 'A';
    else if(per>= 80)
        grade = 'B';
    else if(per>= 70)
        grade = 'C';
    else if(per>= 60)

```

```

        grade = 'D';
    else if(per>= 40)
        grade = 'E';
    else
        grade = 'F';
}

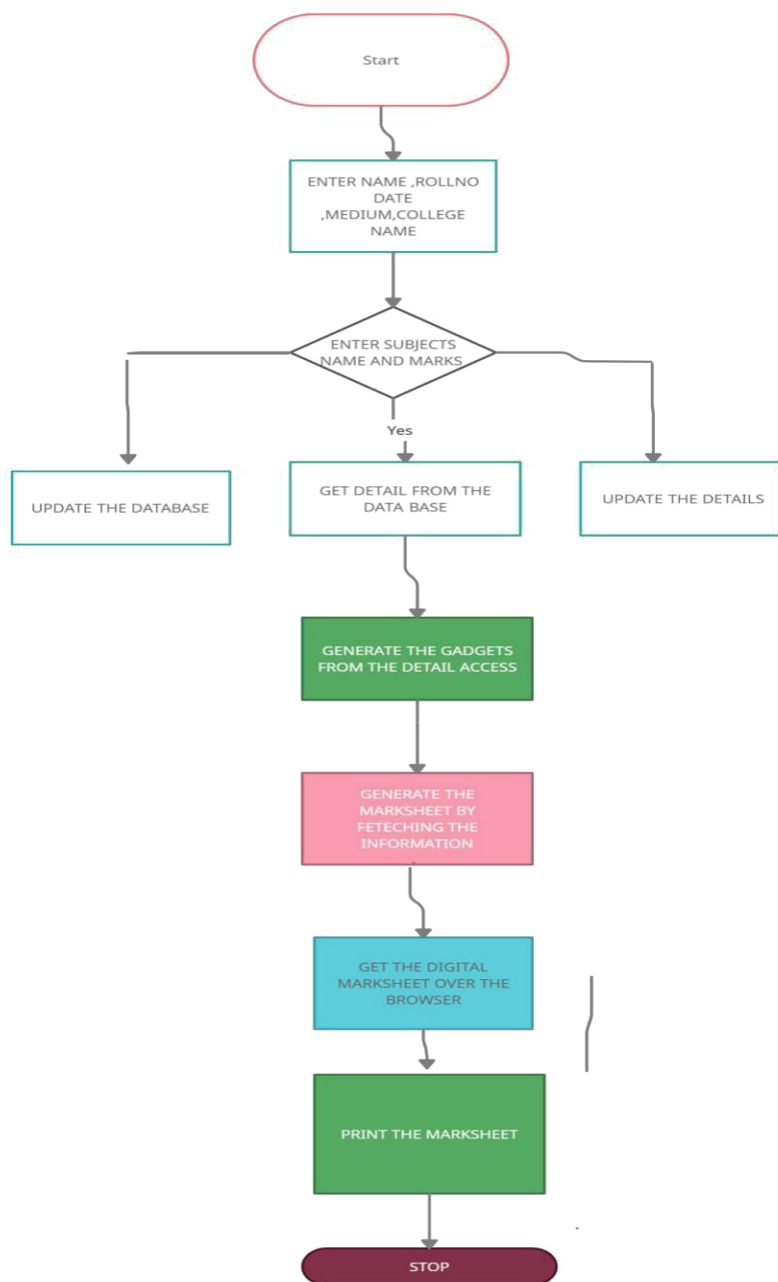
void resultfunction(){
    if(per>40){
        strcpy(res,s);
    }
    else
        strcpy(res,s1);
}

void remarkfunction(){
    if(per>40){
        strcpy(rem,s3);
    }
    else
        strcpy(rem,s4);
}

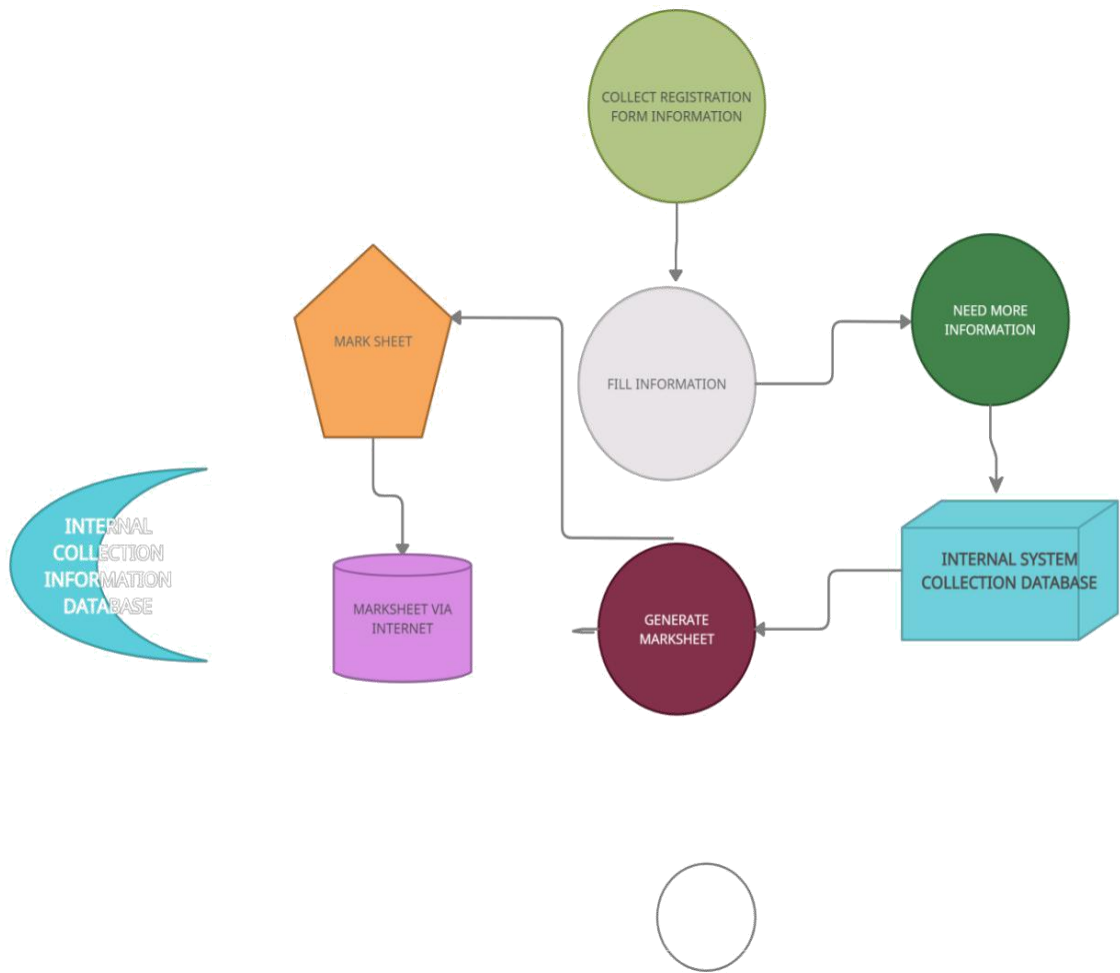
int main(){
    inputfunction();
    calculatefunction();
    resultfunction();
    remarkfunction();
    displayfunction();
    return 0;

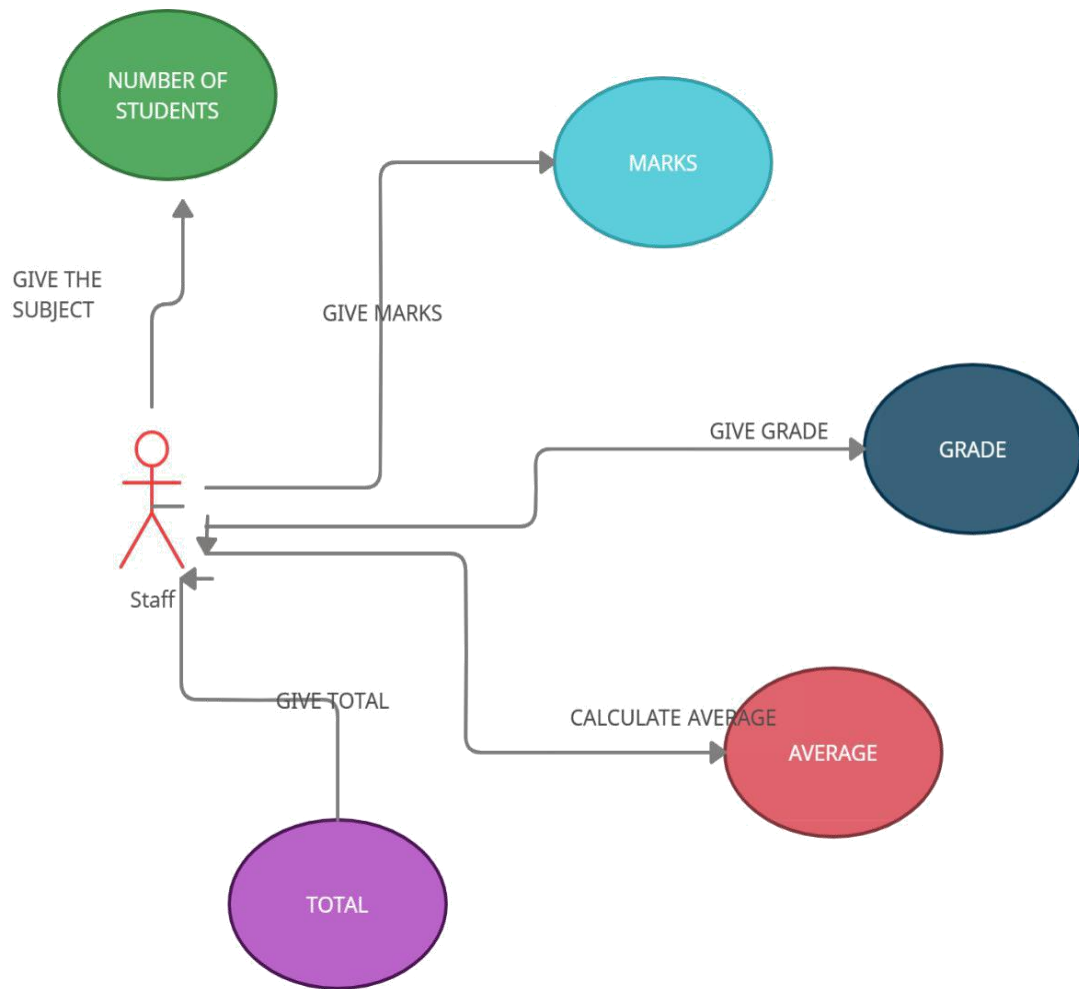
}

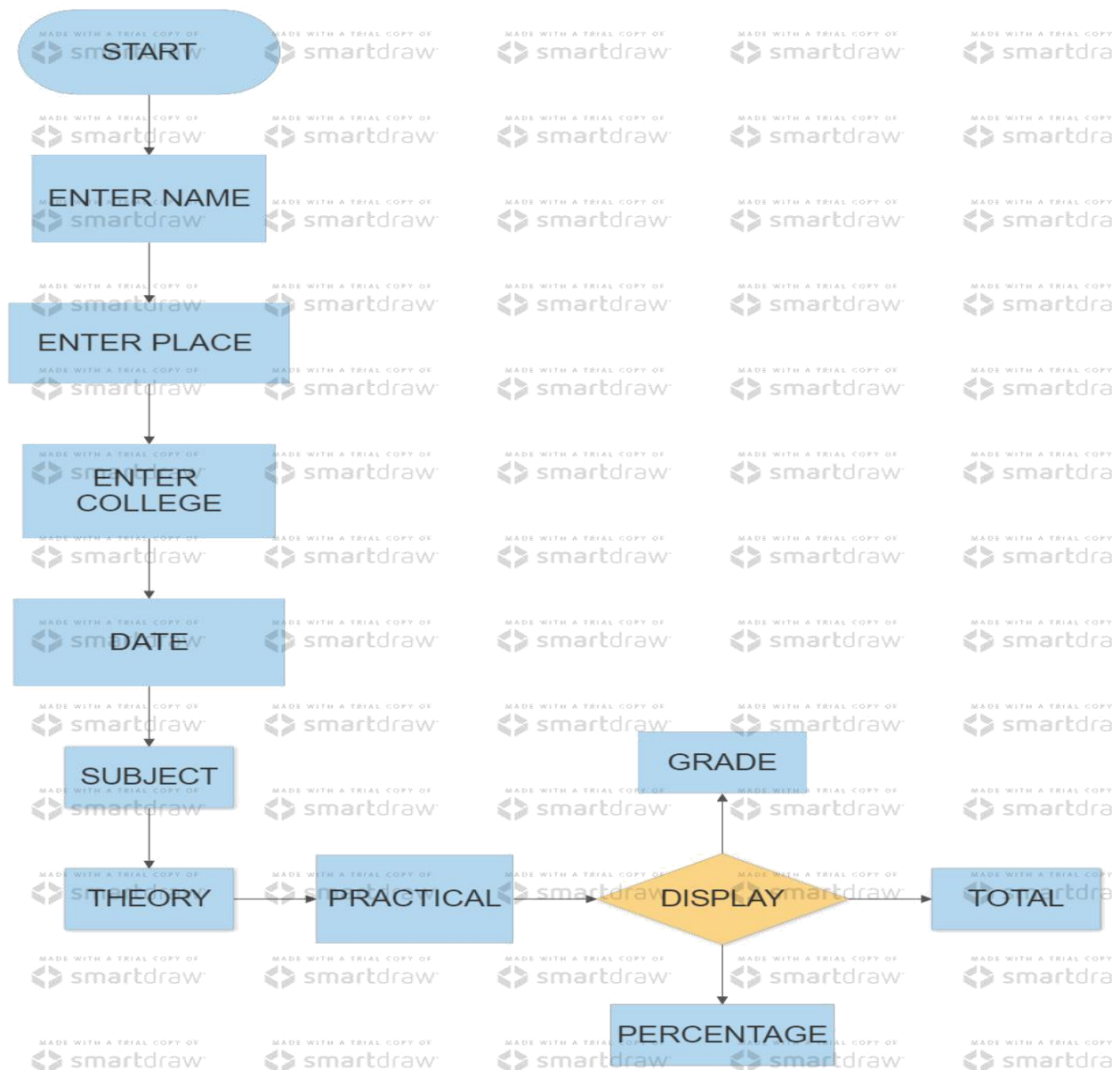
```











RESULT: