Sana’a
UNIVERSITY

FACULTY OF ENGINEERING

Mechatronics Department

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Report

Student Report Card Management System

Supervision

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Adopted by

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Abstract

The **Student Report Card Management System in C++** is a desktop application coded in a **C++** programming language. The project contains basic functionality that allow user to generate the student report card. This project was created to fasten the distribution of grade record to each student. This will make it easier for the teacher to compute the General Average for the student grade.

The Student Report Card are required in education system that uses some form of reporting to identify student's performance. All Report cards are list of marks scored that analyst the student capabilities to each subject such as: Math, English, Science, etc.

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Chapter 1 INTRODICTION TO C LANGUGAUE

1.1 BACKGROUND

1.2 Project Details and Technology

The **Student Report Card Management System in C++** is a desktop application coded in a **C++** programming language. The project contains basic functionality that allow user to generate the student report card. This project was created to fasten the distribution of grade record to each student. This will make it easier for the teacher to compute the General Average for the student grade. This **Student Report Card Management System** is a simple project that benefit students taking computer related course. This is helpful for those who are looking **grading system** related project. This **Student Report Card Management System in C++** can provide new techniques in **C++** programming.

The Student Report Card are required in education system that uses some form of reporting to identify student's performance. All Report cards are list of marks scored that analyst the student capabilities to each subject such as: Math, English, Science, etc.

1.3 What is the Purpose of Report Card?

1.4 BACKGROUND

1.4.1 Definitions

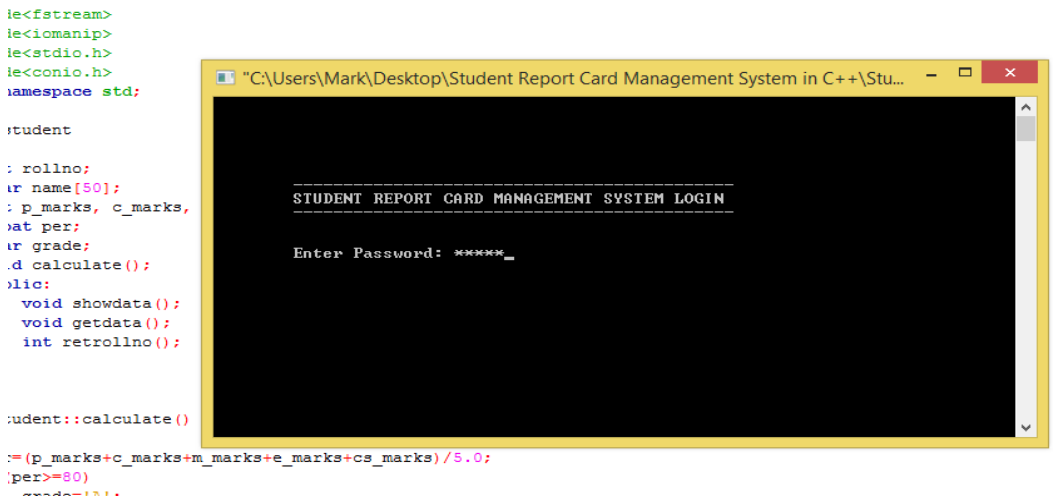
Report cards are a great way for parents to monitor a child performance in school. The sole purpose of report cards is to generate an information from school to parents to report about the overall student's educational progress.

1.5 What are the Content of a Report Card?

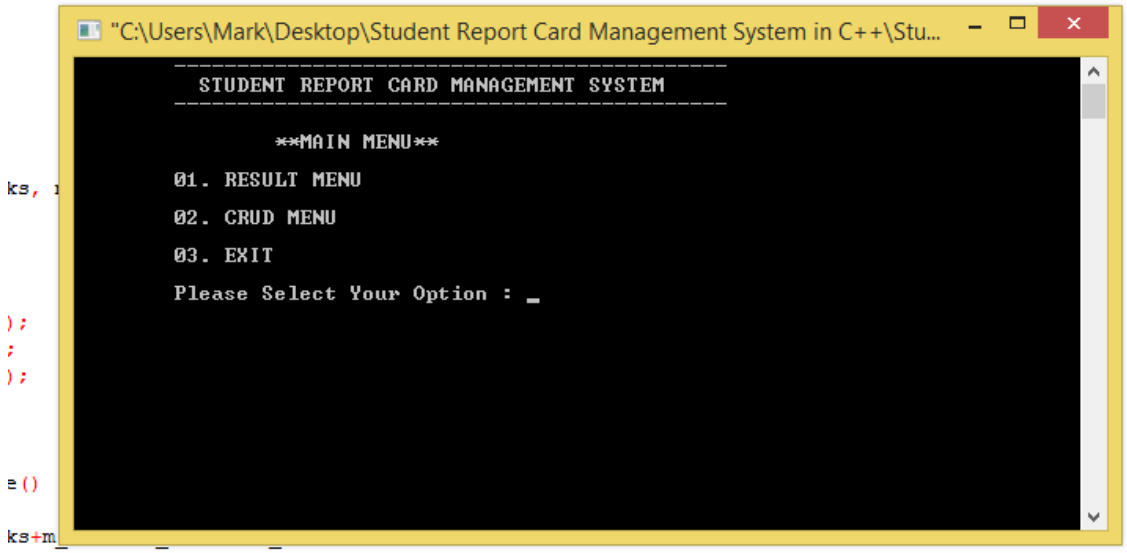
- Practical Information
- Student Grade
- Transportation Option
- School Contact Information
- Degree of Interactivity

1.6 Sample System Screenshots:

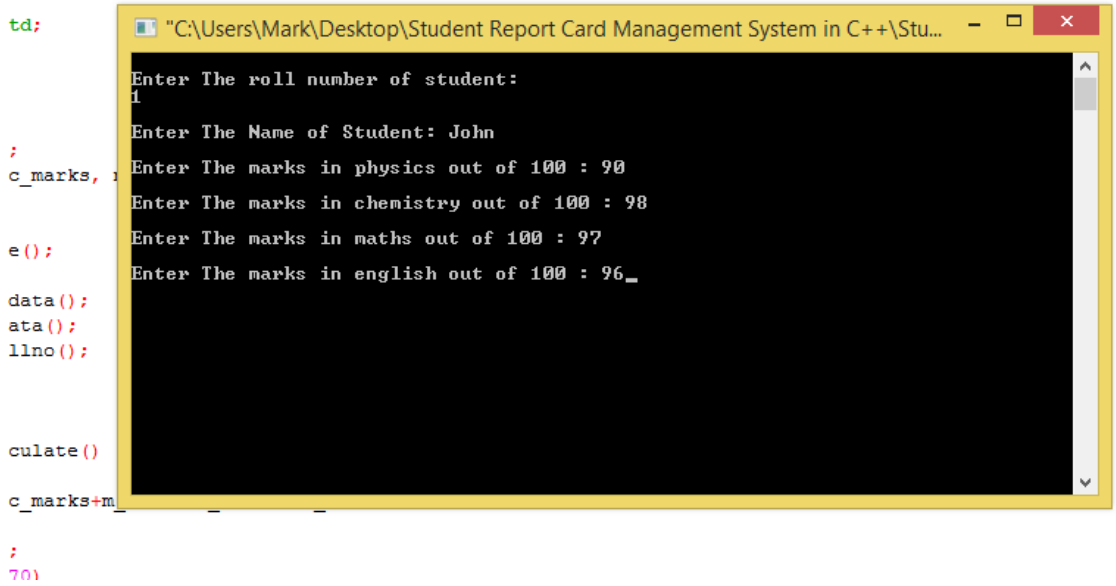
1.6.1 Login Screen



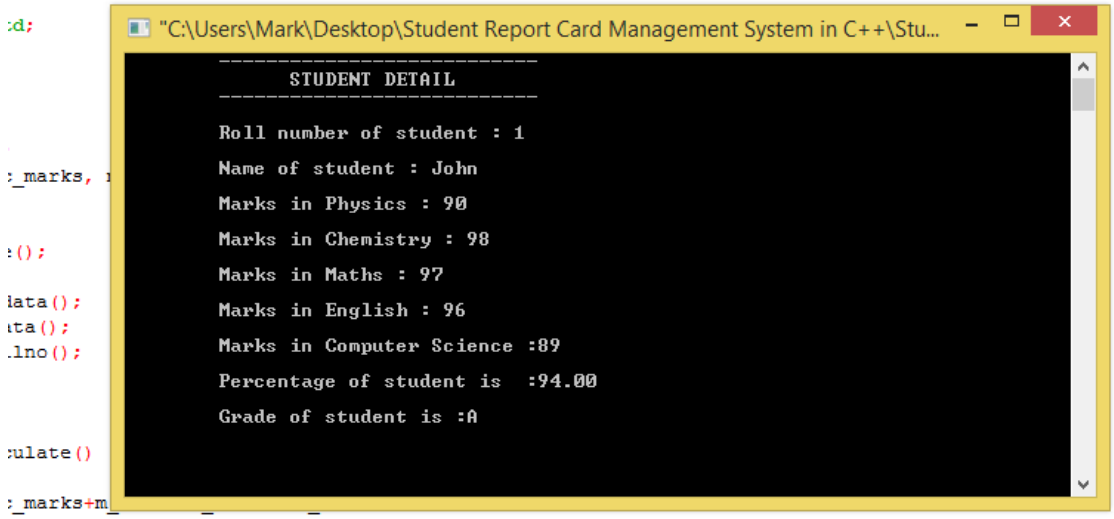
1.6.2 Main Menu



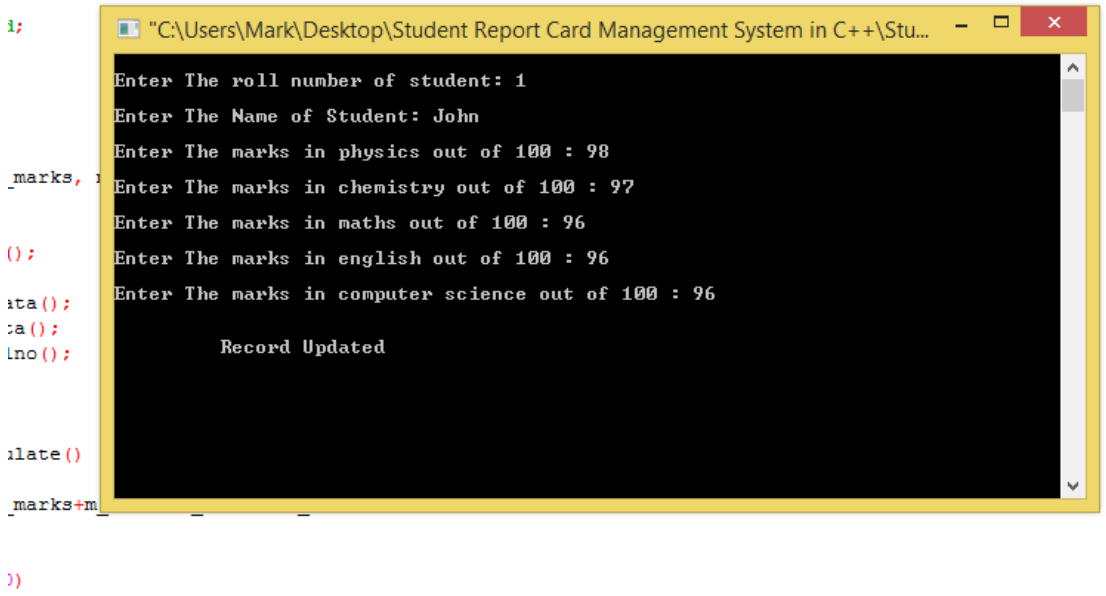
1.6.3 Add Student Detail Menu



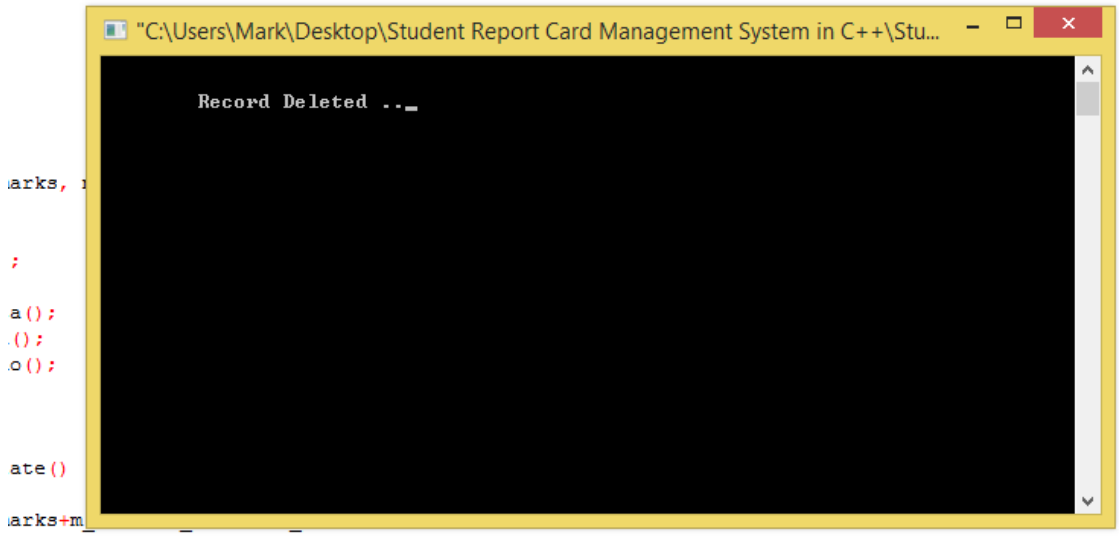
1.6.4 Display Student Detail Menu



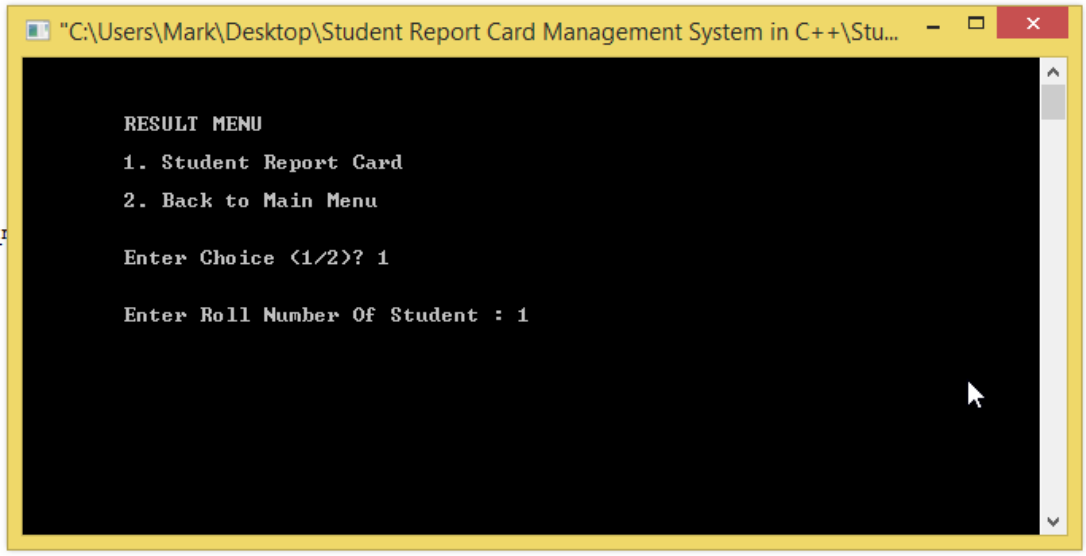
1.6.5 Update Student Detail Menu



1.6.6 Delete Student Detail Menu



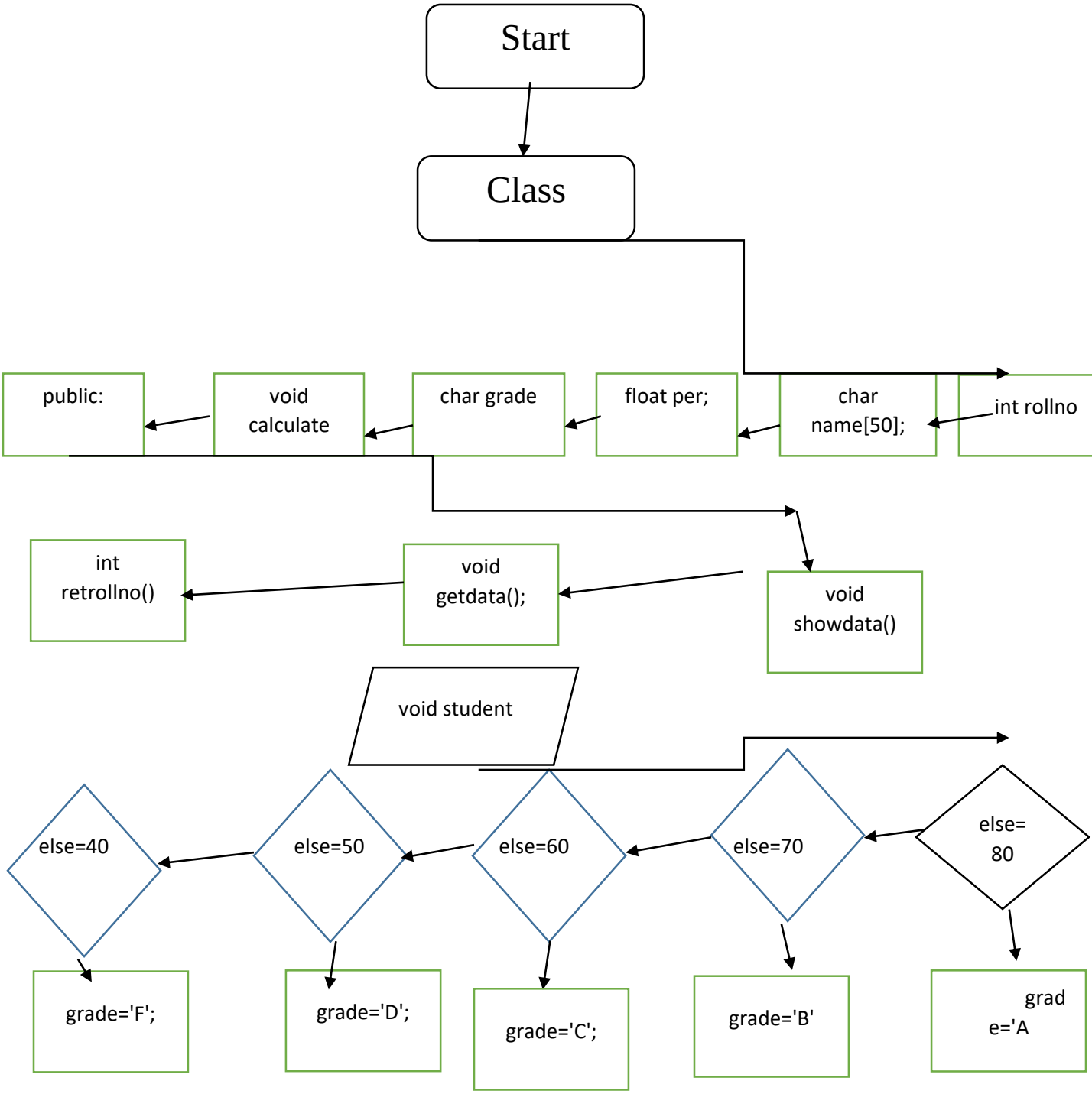
1.6.7 Student Grade Result Menu

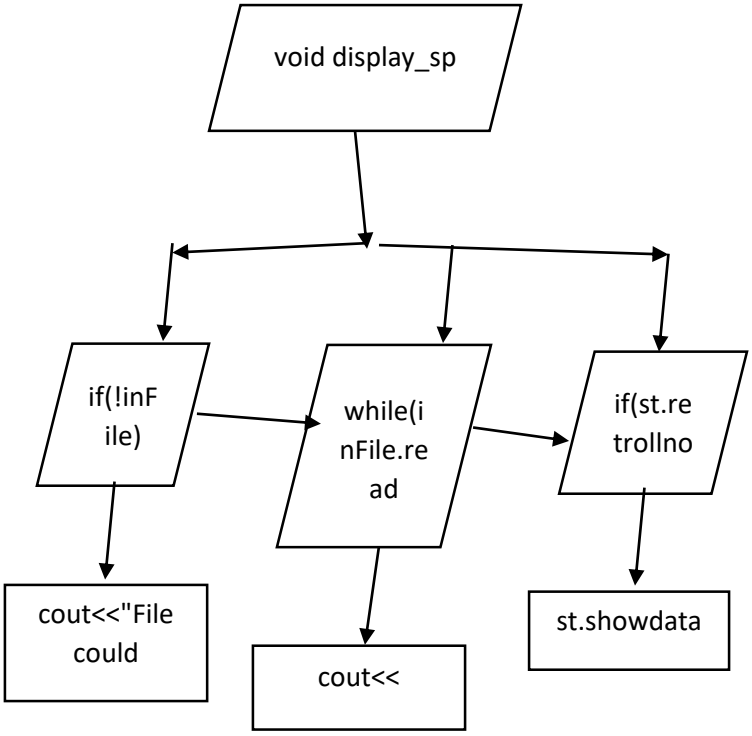


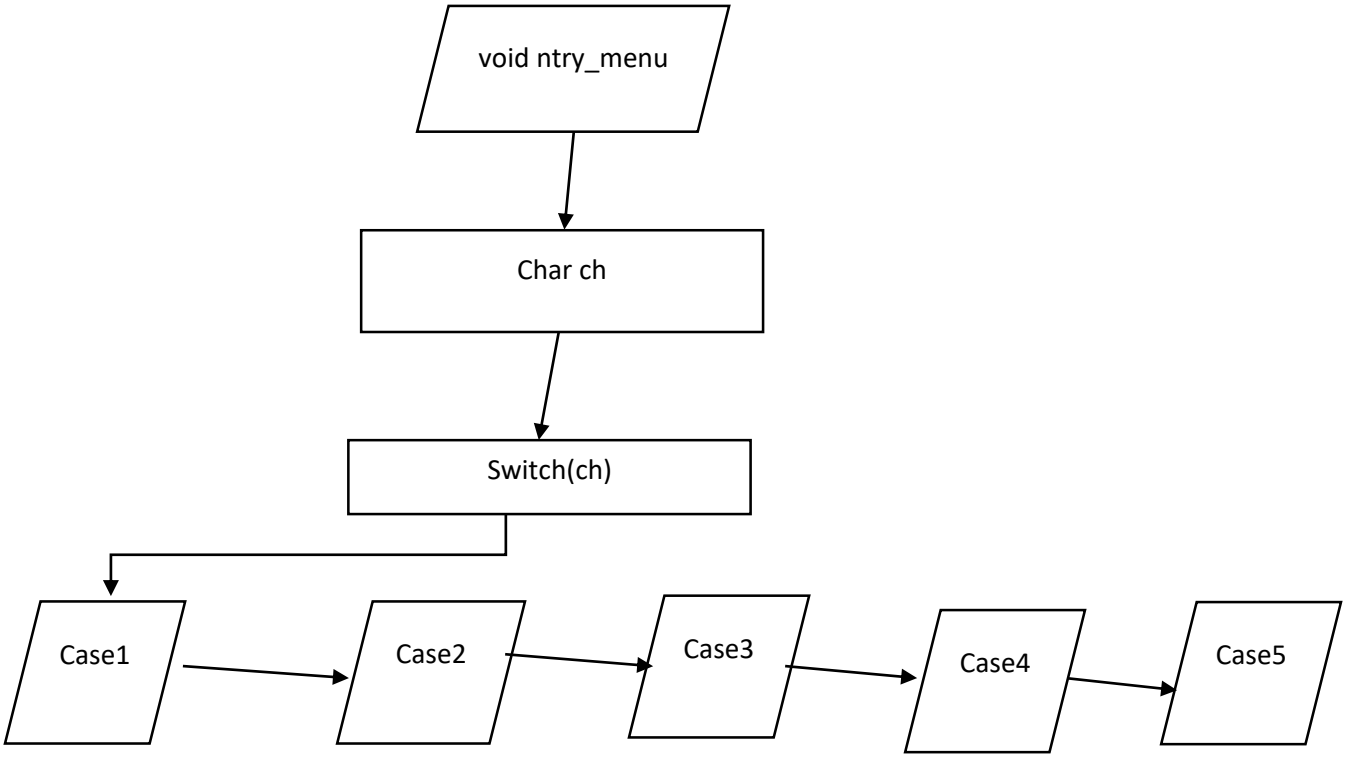

```
m_marks+e_marks+cs_marks)/5.0;
```

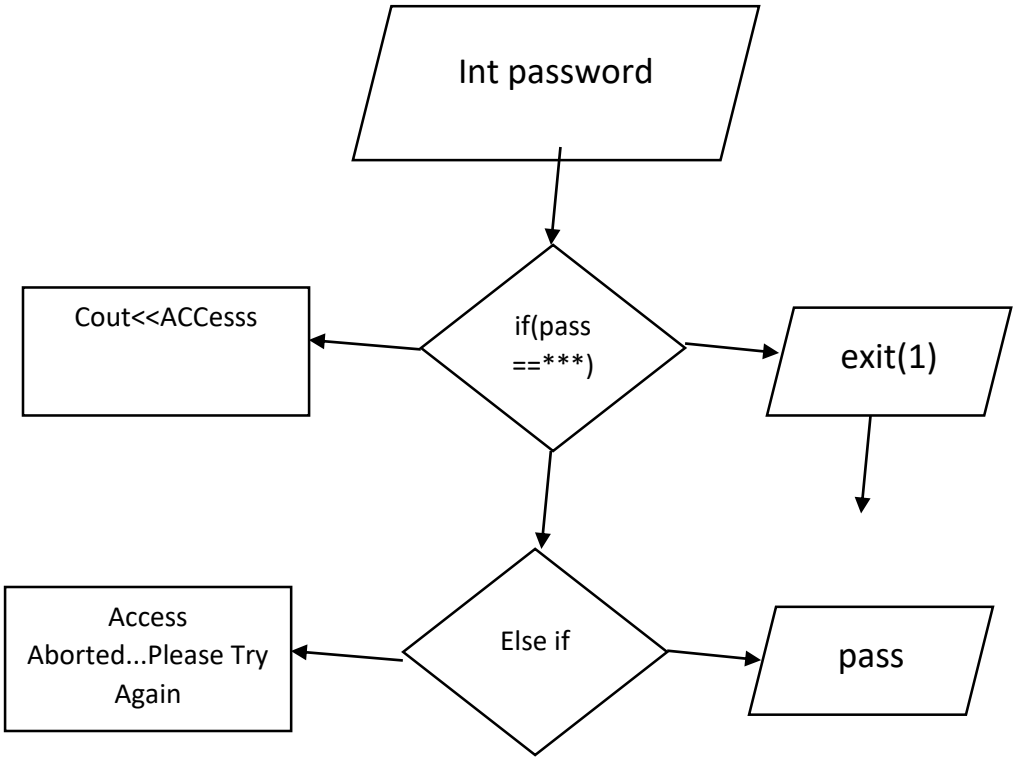
Chapter 2 Flow Chart

2.1 Flow Chart




void display_sp
if(!inF ile)
while(i nFile.re ad
if(st.re trollno
cout<<"File could
cout<<
st.showdata


void ntry_menu
Char ch
Switch(ch)
Case1
Case2
Case3
Case4
Case5


Int password
if(pass ==***)
Cout<<ACCesss
exit(1)
Else if
Access Aborted...Please Try Again
pass

Chapter 3 Conclusion

The **Student Report Card Management System** was developed using only **C++** programming language. This system is a user-friendly kind of system that can be easily modified. The system provide you a faster and reliable generating of student's grade. It will widely provide a fast computation of student subject grade. Using this system it will automate the distribution of student grade.

Chapter 4 Bibliography

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