



PROJECT REPORT:
COLLEGE MANAGEMENT SYSTEM
COLLEGE PORTAL

SUBMITTED TO:
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SUBMITTED BY:

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ABSTRACT

This project is a fully working model of a college portal. (Inspired by our own web portal).

The first thing our program does that it checks which operating system is there and on that basis it complies the program.

For the start it can be accessed by only whom who got the correct userid and the correct password. It can be accessed by the admin and a teacher.

Both got their own different functionalities to work on. The admin has functions to check teacher's information, look up their attendance. The admin can also add more teacher's in the teacher information list.

Admin can also write multiline notice that can be saved in a specific file and can be seen by the teacher's in the future. The admin can also find out about the department head by a click. There is also a function to know all about the teacher's pay slip.

The unique function the admin or the teacher has that after login they can change their password as per their choice for further use.

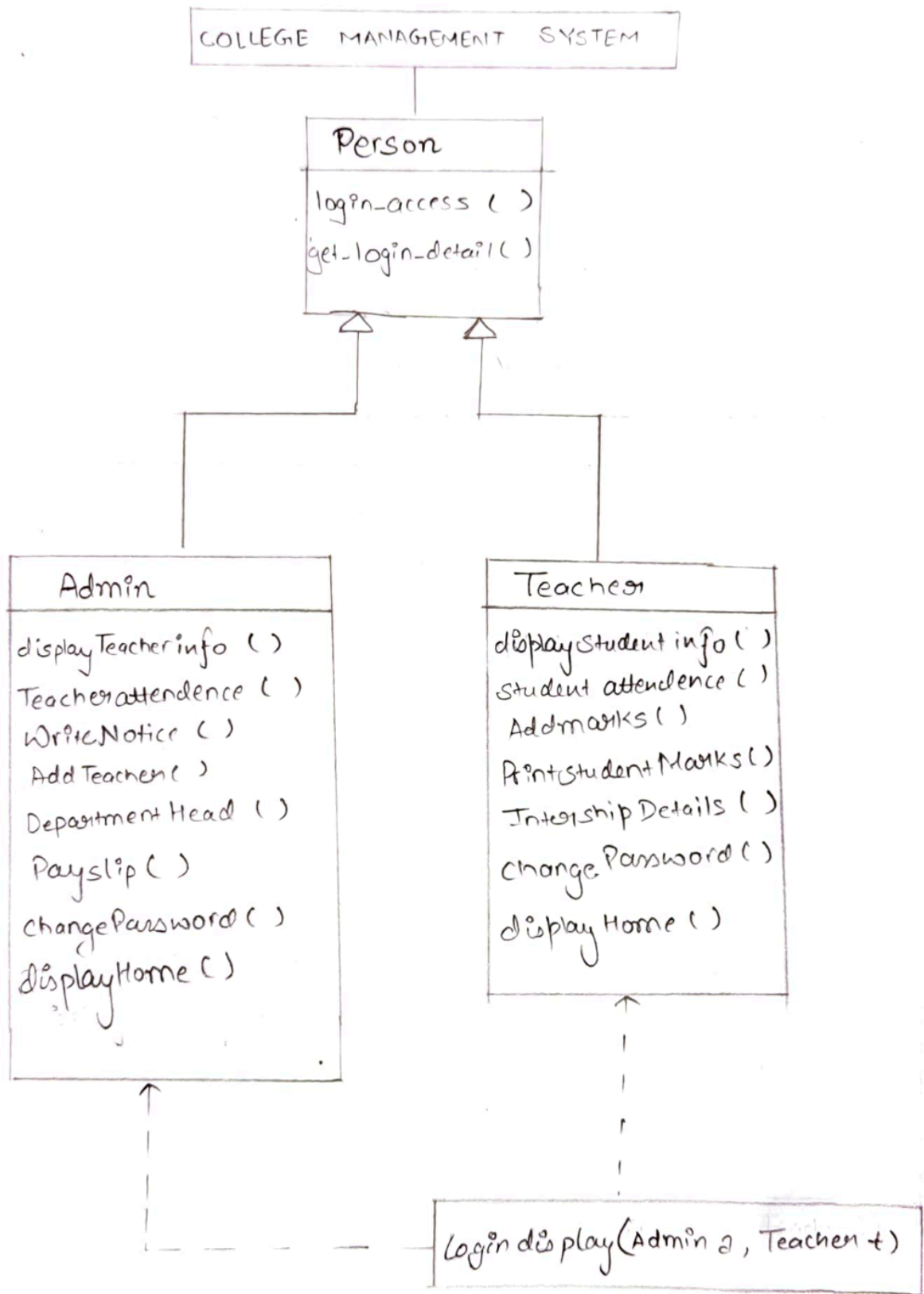
Similar for the teacher's section.

He/she can access the student information and also their attendance.

In this program the marks are separated in different file as (T1,T2,T3) teacher's can add marks in separate file and they can also collect the marks for each t1, t2, t3 respectively. They can also find out about the internship details of the students.

After all the functionality the program has a great home page respectively for the admin and the teacher. The home page has correct date displayed at the right upper corner with respective name of the user who has logged in the program.

UML DIAGRAM:



IMPLEMENTATION DETAILS:

The whole project is made in **C++ language** in an **object-oriented manner**. It has a **pure virtual class or abstract class** named Person from which the Admin class and the Teacher class has been **inherited** in **protected** way. Some functions like loginDisplay() has been made **friend function** of both the Admin class and the Teacher class.

Basic **String** and its functions are used. **Arrays** are used to store the data from the file. **File handling** is used to store the data permanently.

SELF ANALYSIS:

This project is the result of the hard work of each and every team member. Everyone's ideas are heard and after discussion we came on this final project. Every one contributed their fullest to complete the project. The admin section is worked on by Harshit and Anmol while the teacher section was worked on by Rohit and Vivek. After completing the project all the four of us learnt a lot about the ways we can use c++ in real world scenario.


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02	20	10	20	20	20	20
04	11	11	11	11	11	11
11	1	1	1	1	1	1
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REFERENCES:

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