Payroll Management System

A payroll system is a software to automate the payroll process. These systems can be integrated with leave and attendance tracking systems and employee self-service portal and are used to keep track of employee's working hours, calculate salaries, calculate taxes and deductions, print payslip, etc.

This project is large, complete. It uses the concept of following c/c++ topics:

- Pointers
- Loops
- Multi-Dimensional Array
- Inheritance
- Functions
- If Else
- Switch
- Classes
- composition

The Project has 4 main classes and with many functions in the menu:-
- Employee
- EditMenu
- SignUp/Login Page
- Interface

How Project Works:

Addition of a New Employee:
This feature is under the public functions of class employees.
The information handled in this feature is employee code number, name, address, phone number, joining date (day, month and year), designation, grade and loan.

Modify or Editing an Employee Record:
Users can edit the employee's code number, joining date (day, month and year), name, address, phone number, designation, grade, house allowance and loan given to the employee.

Deleting an Employee Record:
An employee's record can be deleted using the employee's code. A deletion confirmation message displays whether the user really wants to delete the record from the file.

Printing an Employee Salary Slip:
This feature also asks for the employee code. This function lists all the months of the year and asks for a date. To print the salary slip, the user further needs to provide information such as a number of days worked in the month by the employee and the number of hours worked overtime.

Displaying Employee Record:
By entering the employee's code number, users can access all the provided information related to a particular employee via this function.

Displaying List of Employees:
This feature displays the record of all employees added to a file.