

PROJECT TITLE:

Employee Management System Using File Handling in C++.

PROJECT OBJECTIVE:

Employee Management System is a general software developed (using C++) to store employee's records in a company or an organisation. In this project, stores the employee's details. It could perform the following operations- Adding new employee, Removing the existing employee, Modifying the existing employee detail, Displaying employee details...

HARDWARE REQUIREMENTS:

- Processor: INTEL i3 or i5
- RAM: 8 or 16 GB RAM
- SSD: 512 GB

SOFTWARE REQUIREMENTS:

- Operating system: Windows 11
- Visual Studio code or DEV C++

LANGUAGE USED: C++

C++ is a powerful, high-performance programming language that is widely used in various domains, including systems/software development, game development, real-time simulations, and more.

C++ was developed by Bjarne Stroustrup at Bell Labs in the early 1980s. It was designed as an extension of the C programming language, with additional features like classes and objects, which support object-oriented programming.

FILE HANDLING IN C++:

File handling in C++ is an essential aspect of programming, allowing the reading and writing of data to and from files. C++ provides classes and functions in the "<fstream>" library to handle file operations.

PROJECT OUTPUT:

Starting page →



While entering wrong password →



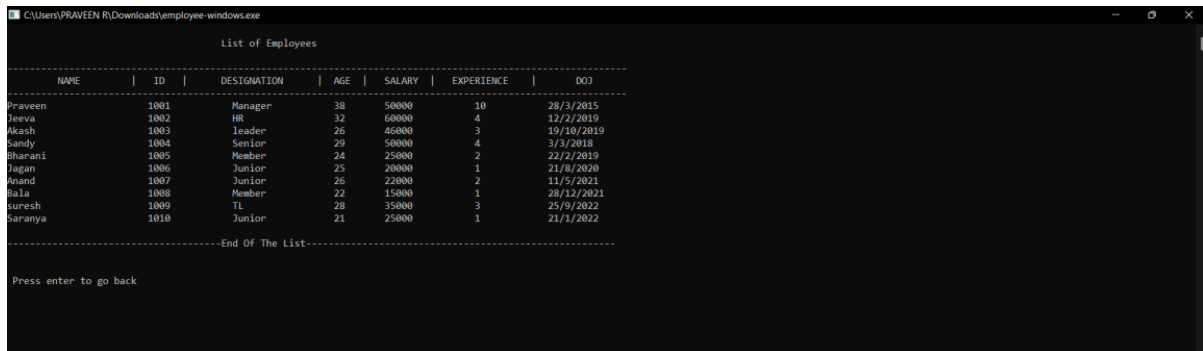
After entering correct password →



Main menu →



After entering choice 1, Displaying list of employees →



NAME	ID	DESIGNATION	AGE	SALARY	EXPERIENCE	DOJ
Praveen	1001	Manager	38	50000	10	28/3/2015
Jeeva	1002	HR	32	60000	4	12/2/2019
Akash	1003	leader	26	45000	3	19/10/2019
Sandy	1004	Senior	29	50000	4	3/3/2018
Bharani	1005	Member	24	25000	2	22/2/2019
Jagan	1006	Junior	25	20000	1	21/8/2020
Arund	1007	Junior	26	22000	2	11/5/2021
Bala	1008	Member	22	15000	1	28/12/2021
suresh	1009	TL	28	35000	3	25/9/2022
Saranya	1010	Junior	21	25000	1	21/1/2022

-----End Of The List-----

Press enter to go back

After entering choice 2, Displaying employee details →



Enter Employee ID: 1001

Name: Praveen

Id: 1001

Designation: Manager

Age: 38


Salary: 50000

Experience: 10

Date Of Joining: 28/3/2022

Press enter to go back

After entering choice 3, Modifying employee designation & salary →



Enter employee id: 1001

Enter new designation: MANAGER

Enter new salary: 70000

Press enter to go back

After entering choice 4, Inserting or Adding new employee →



Enter First Name of Employee: GOPI

Enter Employee ID [max 4 digits]: 1011

Enter Designation: PROGRAMMER

Enter Employee Age: 25

Enter Employee salary: 30000

Enter Employee Experience: 2

Enter Date Of Joining[dd/mm/yyyy]:

dd -01

mm -01

yyyy - 2021

Enter 'y' to save above information

y

New Employee has been added to database

Press enter to go back

After entering choice 5, Deleting an existing employee →

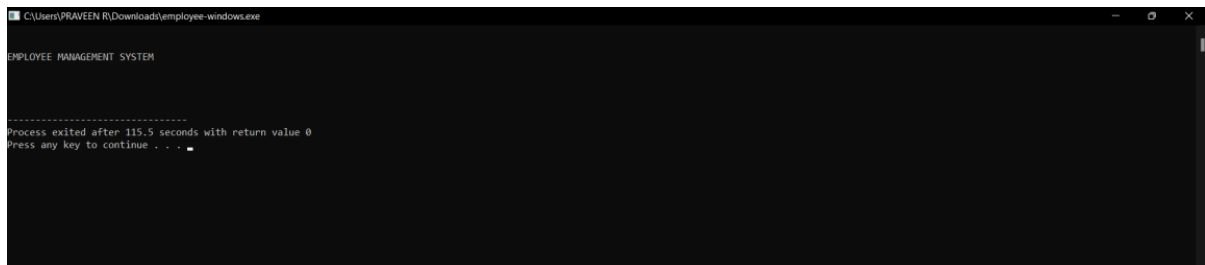


```
C:\Users\PRAVEEN R\Downloads\employee-windows.exe
-----
Enter Employee Id To Remove: 1010
-----

CONFIRMATION
Enter 'y' To Confirm Deletion
y
Removed Successfully

Press enter to go back
```

After entering choice 6, Exit the employee management system →



```
C:\Users\PRAVEEN R\Downloads\employee-windows.exe
EMPLOYEE MANAGEMENT SYSTEM

-----
Process exited after 115.5 seconds with return value 0
Press any key to continue . . .
```

CONCLUSION:

The conclusion of this project, Employee management system is a computerized management system. This system keeps the records of the employees who were worked and currently working in an organization or a company.

The proposed system will keep a track of employee's detailed report regarding the present status of them. This project has GUI based software that will help in storing, updating and retrieving the information through various user-friendly menu-driven modules.

Main objective of this project is to provide solution for company to manage the employee's details using computerized process.

This software application will help admin to insert new employee record, modify the existing employee record, delete the existing employee record, display the employee details, display list of employees, etc... It's hard to maintain a hard copy of employee's details in a big company.

Because there are thousands of employees working in the company, so this software is very useful to store the entire employee details in a computer in the form of softcopy and save it in drive for safety purpose.