

EMPLOYEE MANAGEMENT SYSTEM

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ABSTRACT

The goal of the "Employee Management System" is to create a work center maintenance system protected by a unique username and password. Maintaining is a tool that makes the process of planning easier. The architectural overview of a computer system for managing employee data within a business or organization has been included in the paper. However, many enterprises in India employ documents to keep track of their operations. However, there are various technically advanced systems that can perform different tasks, but they are all unaffordable for these minimal industries. Our study covers creating a mechanism for them to fix complex at a lower cost. Our system increases productivity and has to keep a record of every employee. So both the employer and the employee can concentrate on their professions and expand their business.

Keywords: Employee, Management System, Attendance, Human Resource, Application, Mechanism, File Handling

1. INTRODUCTION

Employee Management System aims to create a system that supports employee information and actions performed in a company based on employee data. It has the proper security support by a password-based login page. Users will save time by using a computerized system rather than doing things manually. The employee management system consists of the worker ID, [5] call, branch, and earnings information. An employee control gadget in C++ is a menu-driven application. Employee information can be added by the administrator [2][3]. He also has the authority to add and remove personnel information from the list. Each employee is given a unique username and password by the administrator, and all of the information is saved in the database

2. LITERATURE SURVEY

As per some previous visioners of this project. Some of those visions can be considered if possible. Here we go through some of those ideas:

1) Advance Attendance Calculation for Employees using QR Scan and Location Verification: JUN21 (article by Rishabh Bajpayi) where he has given some overview like adding QR scan in the system that could change and speed up the attendance taking process in a society whereas the current[4] system consumes lot of time and takes more manual work.

2) Or maybe we can give a overview of employees career development impact on performance. The following topic is covered by A. Griffin & M. Hoyle (article on Jan 2009)[1].

3) We can also use ideas followed by Cloud Computing: A Solution To Human Resource Management System article by Ashis DataMdAmit IslamDebadatta Kumar Mukharjee Kada (on Feb 2013)

3. THEORETICAL BACKGROUND

Timesheet tracking, absence and work schedule, an employee database, and providing a self-interface are all key parts of a successful employee management system.

The desktop application employee management system is based on the C++ programming language. Creating an employee class on VS-Code then adds some functions like add employee, view details, delete details, show attendance, and many more. Each of the functions has its unique work. We add all the functions in a switch case order so it is up to the user they can choose what to do.

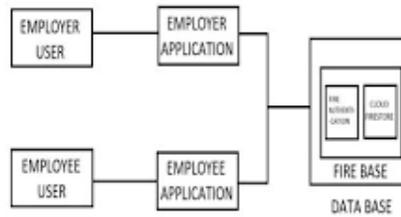
And to open the application a password and username are required, if someone has come for the first time they can register by choosing the new user option.

After successfully adding or updating or deleting employee details all the data is stored in the "data.txt" file by using file handling.

To exit the application there is also a specific option for that.

The main steps of managing the employees' system are-

- 1) Creating a unique management plan to avoid using misleading
- 2) Establishing employee management system objectives.
- 3) Creating a system for evaluating performance.
- 4) Improving the feedback-giving abilities.
- 5) Continuous monitoring of employee performance.



Working Process of EMPLOYEE MANAGEMENT SYSTEM

4. TOOLS/PLATFORM, HARDWARE & SOFTWARE REQUIREMENT SPECIFICATIONS

4.1 Tools-

VS-Code
Code Blocks
MS-Office

4.2 Platform-

Microsoft Windows 10

4.3 Hardware Requirement Specification-

Client Machine	
HDD	200 MB
Processor	Pentium 4
Memory	512

5. SYSTEM ANALYSIS

The Analysis model is a brief, comprehensive model of what the final product must do, not how it will be done after the existing system has been properly studied. System research and requirement analysis [3] are the two aspects. Requirement analysis is done by communicating with customers about their requirements and aspirations for the system.

6. GOALS OF IMPLEMENTATION

Designing a standardized method for a working middle is a part of the Employee management system implementation [1]. Managers can advantage of insight into their employees via an [8] employee management system, which lets them higher plan and manages painting hours, lowering exertions costs and increasing performance.

7. RESULT ANALYSIS

- User Interface Design

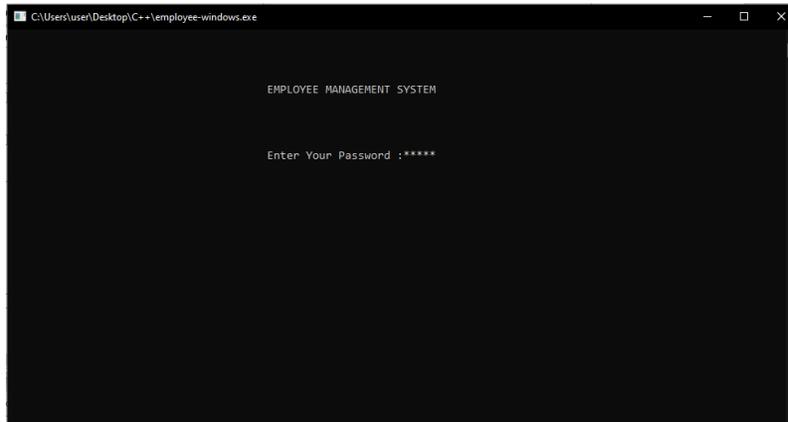


Figure 1 Login Page

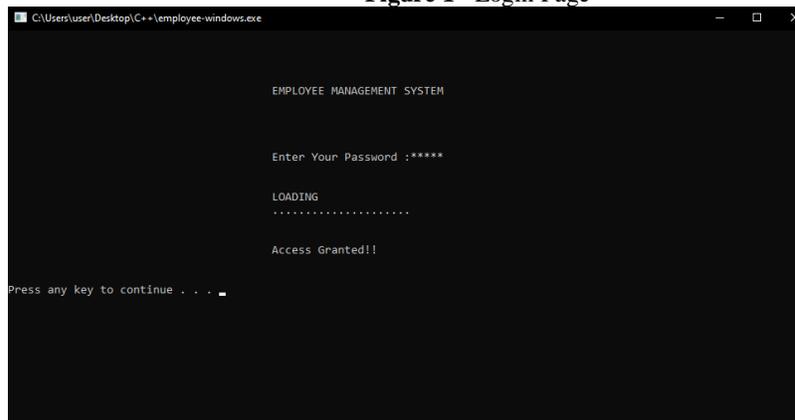


Figure 2 Successfully Login

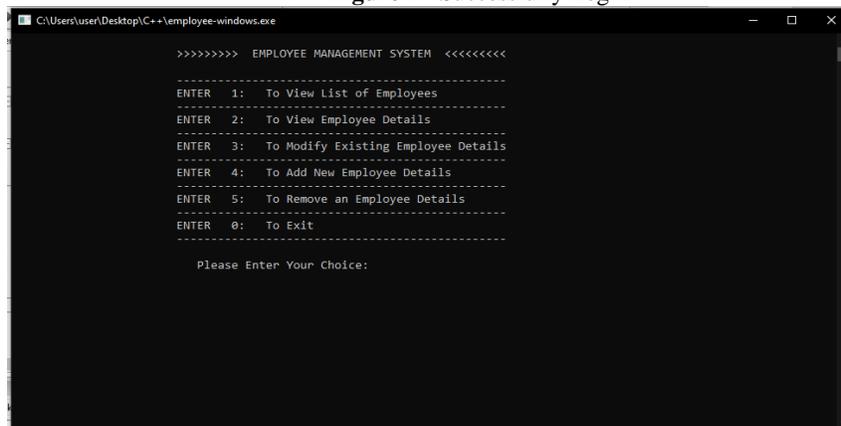


Figure 3 Home Screen

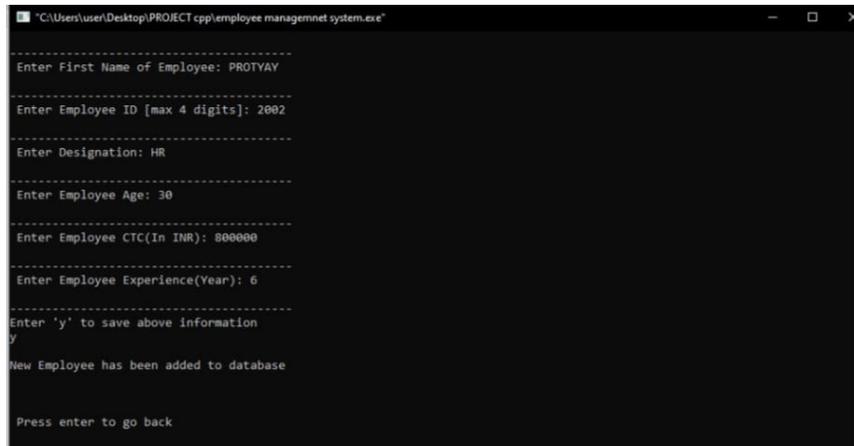


Figure 4 Employee Database

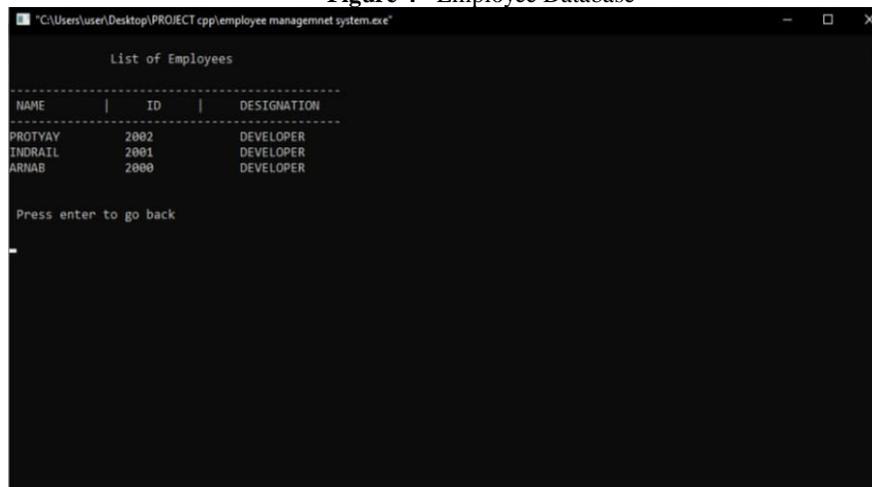


Figure 5 List Of Employees



Figure 6 Creating Employee Database

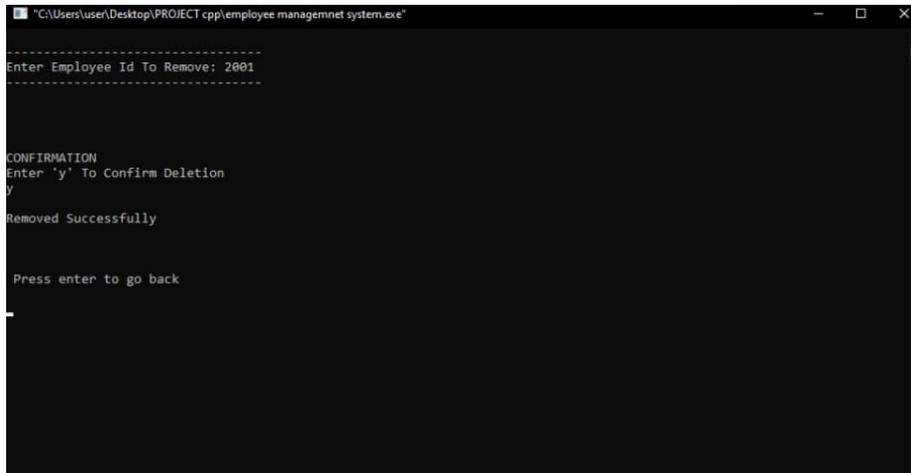


Figure 7 Deleting Employee Data

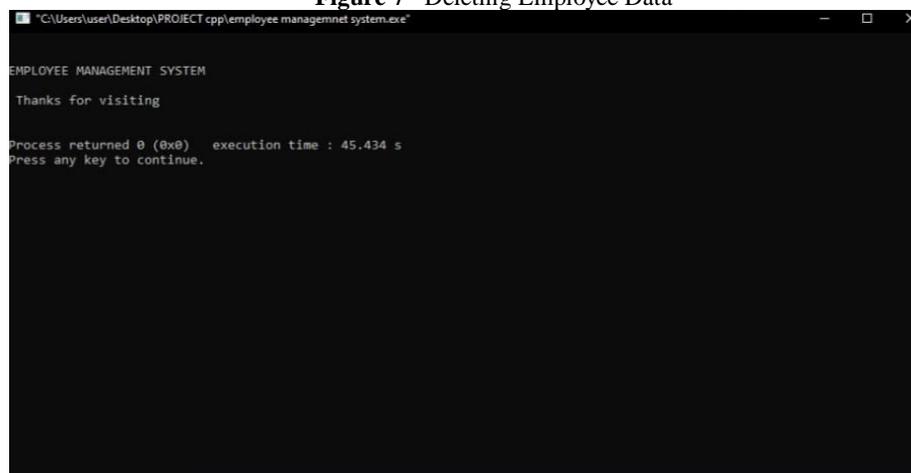


Figure 8 Exit Window

8. CONCLUSION

The employee management system project is being provided in order to truly comprehend the workload, the sort of individual who is particularly well suited for the employment, and the employer. It provides employees the autonomy to perform actions and effectively regulates the workforce. So that wraps our Employee Management System Project Report with the entire documentation discussion. Employee Management System is essentially an application designed to keep the music of worker statistics in any corporation. It continues music of its employees; non-public information as well as the records of their charge machine, which permits them to generate account statements.

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