

**Project:** Employee Management System

**Course Title:** Data Structure

**Course Code:** CSE135

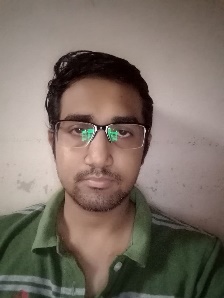
**Department:** Computer Science and Engineering

**Section:** PC-A

**Submission Date:** 11th August 2021

Project Report

Submitted By



Name: Sakir Hossain Faruque

ID: 203-15-3862

**Employee Management**

**System**

**Overview:** This is a powerful employee management system tool. By using this tool user can easily manage employee in his/ her company.

Here we have added six options in this program. The options are:

1. Add Employee
2. Add New Employee
3. Add in First Position
4. Add in Selected Position
5. Add in Last Position
6. Display Employee
7. Search an Employee By ID
8. Updated an Employee Information By ID
9. Remove an Employee From List By ID
10. Exit

**Project Description:** The code is written by using C language.In our project we have used Linked list which is a Linear Data Structure. By using Linked list we have stored employee information in our binary file. To write data in binary file we have used

fwrite(newnode, sizeof(\*newnode), 1, fp);

To display employee record to user we have fread function

fread(newnode, sizeof(\*newnode), 1, fp);

In our code we have used three header files such as stdio.h, stdlib.h and string.h.

We have used several functions in our code. Our code is divided into three section . They are Intro Part, Login Part and Last one is The Employee Management System Part. The Employee Management System Part is divided int seven sections. They are:

**Add Employee:** In this option user can add employee in the employee list. To add employee user need to input five information of an employee. The information are:

1. Name
2. ID
3. Age
4. Contact Number
5. Salary

**Add New Employee:** In this option at first user needs to select a sub-option. They are:

1. Add in First
2. Add in Position
3. Add in Last

By selecting this user can add employee at any position of the list.

**Display All Employees Record:** In this option user can view all employee record at a time.

For enter this option user need to press three.

**Search An Employee Record:** In this option user can search any employee record by his ID.

To enter this option user needs to press four. Then he needs to input ID to search an employee.

**Update An Employee Record:** At first user needs to press one to enter in option. Then he needs to input employee ID. By this process system will show user about employee detail.

Then he can choose any information to update the record of the employee.

If he wants to get out of the process he can press six. By this process he can update employee record easily.

**Remove An Employee Record:** To remove an employee record at first user need to press six. Then he needs to input employee ID. In this area system will ask user if he really wants to remove the data. If he press one then the record will permanently delete from employee list.

**Exit:** By pressing seven user can get out of the system.

This is our whole project description.