**Employee Management System**

## Submitted by

**Name of the Student:** NAYAN SAHA

**Enrollment Number:** 10022002003018

**Section:** H

**Class Roll Number:** 20

**Stream:** ECE

**Subject:** Programming for Problem Solving Using C

**Subject Code:** ESC103(Pr)

**Department:** Basic Science and Humanities

Under the supervision of

Dr.Swarnendu Ghosh

Mrs.Sumana Sinha

**Academic Year: 2022-26**

PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE SECOND SEMESTER



**DEPARTMENT OF BASIC SCIENCE AND HUMANITITES**

**INSTITUTE OF ENGINEERING AND MANAGEMENT, KOLKATA**



## CERTIFICATE OF RECOMMENDATION

We hereby recommend that the project prepared under our supervision by **(NAME)**,entitled Employee Management System be accepted in partial fulfillment of the requirements for the degree of partial fulfillment of the first semester.

Dr.Prabir Kumar Das Dr.Swarnendu Ghosh

Head of the Department Project Supervisor

Basic Sciences and Humanities IEM, Kolkata

# Introduction

Libraries in C programming are not only helpful in implementing

various databases,but also it eases in handling complex functions &

data types.

## Objective

The main objective of the project is to create a menu-driven employee

management system which can add & display information like employee

name,employee ID and salary when chose from a set of choices.

## Organization of the Project

## This project has been organized into a menu in the following manner:-

## 1.Add employee

## 2.Display all employees

## 3.Exit

## Database Samples

## 

## The following libraries have been used in the program:-

## <stdio.h>-Preprocessing directory to insert a header file

## <stdlib.h>-Header file used for memory allocation of the employee data.

# Programs

# The following main segment forms the backbone of the program:-

# 

# switch (choice) {

# case 1:

# if (numEmployees >= MAX\_EMPLOYEES) {

# printf("Maximum number of employees reached!\n");

# break;

# }

# printf("\nAdd Employee\n");

# printf("Employee Name: ");

# scanf("%s", employees[numEmployees].name);

# printf("Employee ID: ");

# scanf("%d", &employees[numEmployees].employeeID);

# printf("Salary: ");

# scanf("%f", &employees[numEmployees].salary);

# printf("Job Title: ");

# scanf("%s", employees[numEmployees].jobTitle);

# numEmployees++;

# break;

# case 2:

# printf("\n\tEmployee Details:-\n");

# if (numEmployees == 0) {

# printf("No employees found!\n");

# break;

# }

# for (int i = 0; i < numEmployees; i++) {

# printf("Employee %d\n", i + 1);

# printf("Name: %s\n", employees[i].name);

# printf("Employee ID: %d\n", employees[i].employeeID);

# printf("Salary: %.2f\n", employees[i].salary);

# printf("Job Title: %s\n\n", employees[i].jobTitle);

# }

# break;

# case 3:

# printf("Exiting the program...\n");

# exit(0);

# default:

# printf("Invalid choice! Please try again.\n");

# }

# } while (choice != 3);

# Outputs





