Data Structures

Course Project: EMPLOYEE SALARY CALCULATION SYSTEM

Project Update

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Project Overview

The Employee Salary Calculation System is a C program designed to manage employee records. It allows adding employee details, searching for employees by their ID, updating their salary information, and displaying all employee records. This system leverages fundamental data structures and functions to organize and process employee data efficiently.

Key Features of the System:

1. Employee Data Management: Store essential employee data including ID, name, and salary details.

2. Salary Computation: Automatically calculates final salary based on basic salary, HRA, and DA.

3. Search and Update Functionality: Allows searching and updating employee details by ID.

4. Display Records: Provides a way to view all employee records in a structured format.

Data Structure:

Array of structures is used to store and manage employee records. Each structure represents an employee with fields for ID, name, basic salary, HRA, DA, and final salary.

Methodology:

1. Add Employee: Adds a new employee to the system and calculates the final salary.

2. Search Employee: Searches for an employee by ID and displays relevant details.

3. Update Salary: Updates the basic salary, HRA, and DA for a given employee, recalculating the final salary.

4. Display All Employees: Lists all employees and their details in a structured format.

Employee Salary Management System

Admin

Employee

Add Employee

Update Employee Salary

View Employee Salary

Generate Salary Reports

Search Employee