Computer Science

SECTION:- RCD/B

GROUP NO:- 3

DEPARTMENT:- COMPUTER SCIENCE

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SUBMITTED TO:

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Project Overview

The Employee Management System is a console-based application developed in C++. It

demonstrates basic programming concepts such as structures, arrays, conditional statements,

loops, and user interaction. The goal is to manage employee records efficiently by allowing users to

add, view, search, update, and delete employee data.

Functionalities

1. Add New Employee

2. Show All Employees

3. Search Employee by ID

4. Update Employee by ID

5. Delete Employee by ID

6. Exit Program

Code Snippets

```
struct Employee {
 int id;
 string name;
};
cout << "Enter Employee ID: ";
cin >> employees[employeeCount].id;
cout << "Enter Employee Name (one word): ";
cin >> employees[employeeCount].name;
employeeCount++;
int searchId;
cout << "Enter Employee ID to search: ";
cin >> searchId;
for (int i = 0; i < employeeCount; i++) {
```

```cpp
    if (employees[i].id == searchId) {

    cout << "Employee found!" << endl;

    }

    }

    for (int i = 0; i < employeeCount; i++) {

    if (employees[i].id == deleteId) {

    for (int j = i; j < employeeCount - 1; j++) {

    employees[j] = employees[j + 1];

    }

    employeeCount--;

    }

    }
```