```cpp
#include <iostream>
#include <windows.h>
#include <conio.h>          //make this library to use getch function
using namespace std;
struct emp{                 //to take data of employees
    string name, id, designation;
    int experience, age;

};
//we are going to declare all the functions
emp e[100];
int total=0;
void empdata(){
    int choice;
    cout<<"How many employees data do you want to enter??";
    cin>>choice;
    for(int i=total;i<total+choice;i++){
            cout<<"Enter data of employee "<<i+1<<endl;
            cout<<"Employee Name: ";
            cin>>e[i].name;
            cout<<"ID: ";
            cin>>e[i].id;
            cout<<"designation: ";
            cin>>e[i].designation;
            cout<<"experience: ";
            cin>>e[i].experience;
            cout<<"age: ";
            cin>>e[i].age;

    }
    total=total+choice;

}

void search(){
    if(total!=0){
            string id;
            cout<<"Enter id of data which you want to search"<<endl;
            cin>>id;
            for(int i=0;i<total;i++){
                if(id==e[i].id){                //to find specific id of a employee
                cout<<"Data of employee "<<i+1<<endl;
                cout<<"Employee Name:  "<<e[i].name<<endl;
                cout<<"ID: "<<e[i].id<<endl;
                cout<<"designation: "<<e[i].designation<<endl;
                cout<<"experience: "<<e[i].experience<<endl;
                cout<<"age: "<<e[i].age<<endl;
                break;          //it will terminate the loop after find the data

                }
                //if data will not find then data is not in record then
                if(i==total-1){
                    cout<<"No such record found"<<endl;
                }
            }
    }
    else{
        cout<<"your record is empty"<<endl;
    }


}

void del(){
            char user;                      //to get the value of user
            cout<<"press 1 to delete full record"<<endl;
```

```cpp
            cout<<"press 2 to delete specific record"<<endl;
            user=getch();
            if(user=='1'){
                total=0;
                cout<<"All record is declared.......!!!"<<endl;

            }
            else if(user=='2'){
            string id;
            cout<<"Enter id of data which you want to delete"<<endl;
            cin>>id;
            for(int i=0;i<total;i++){
                if(id==e[i].id){
                        for(int j=i;j<total;j++){
                        e[j].name=e[j+1].name;
                        e[j].id=e[j+1].id;
                        e[j].designation=e[j+1].designation;
                        e[j].experience=e[j+1].experience;
                        e[j].age=e[j+1].age;
                        total--;
                        cout<<"your required record is deleted"<<endl;
                        break;
                }
                }
                if(i==total-1){
                    cout<<"No such record found"<<endl;
                }
            }

            }



    else{
        cout<<"your record is empty"<<endl;
    }

}
int main(){

    cout<<"\n\n\t\t EMPLOYEE MANAGEMENT SYSTEM"<<endl;
    cout<<"\n\n\t\t SIGN UP"<<endl;
    string username, password;
    cout<<"\n\n\t Enter username:  ";
    cin>>username;
    cout<<"\n\n\t Enter Password:    ";
    cin>>password;
    cout<<"\n\n\t your id is creating please wait";
    for(int i=0; i<4; i++){
        cout<<".";
        Sleep(1000);
    }
    cout<<"\n\n\t your id created successfully"<<endl;



    system("CLS");
    start:
        system("CLS");
    cout<<"\n\n\t EMPLOYEE MANAGEMENT SYSTEM"<<endl;
    cout<<"\n\n\t Login"<<endl;
    string username1, password1;
    cout<<"username:  ";
    cin>>username1;
    cout<<"password:  ";
    cin>>password1;
```

```cpp
if(username1==username&&password==password1){
    system("CLS");
    char user;
    while(1){
        cout<<"\n\n press 1 to enter data"<<endl;
        cout<<"press 2 to search data"<<endl;
        cout<<"press 3 to delete data"<<endl;
        cout<<"press 4 to logout"<<endl;
        cout<<"press 5 to exit"<<endl;
        user=getch();
        system("CLS");
        switch(user){
        case '1' :
            empdata();
            break;
        case '2' :
            search();
            break;
        case '3' :
            del();
            break;
        case '4' :
            goto start;
            break;
        default:
            cout<<"\a Invalid input"<<endl;
            break;
        }
    }



}
else if(username1!=username){
        cout<<"your username is incorrect"<<endl;
        Sleep(3000);
        goto start;

}
else if(password1!=password){
    cout<<"your password is incorrect"<<endl;
    Sleep(3000);
    goto start;



}



}
```