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Data structure and algorithms

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Documentation

In this project I have four classes

- **Employee**

In employee class employee attributes are initialized from a parametrized constructor

- **Department**

In department class we have *ehead a pointer of type employee class which represents a list of employees which will be stored in a single node of a department list

And we have basic functions like adding employee, deleting, updating and searching

- **Employee list**

This is our main class which has a pointer *head of type department class responsible for maintaining department list and we have some function like print departments print employee in department adding department and adding employee which will refer back to department class

- **Admin**

Admin class have a pointer of employee list class and have all main function for admin class it has a verification function which will verify the admin from a text document

- **main**

In main only one object of admin class is made which is responsible for controlling all functionalities of a menu-based employee management system.