

Problem statement – Employee management

You have to create sample application - Employee management system. Application should have below functionalities which end user will be using–

1. User should be able to **browse & search through list** of all the employees
2. User should be able to add the new employee record as well as update existing collection
3. User should be able to remove any employee
4. User can sort the list and filter the list.

Note:-

Please develop one application which includes UI layer along with backend service/Rest API and database.

Technical guidelines:-

It's mandatory to develop UI layer in ReactJs & Redux.

You can choose any technology for service & database layer.

Functionalities can be implemented on any side (client or server) depending on choice made by developer.

Code should be in working condition.

Code should be developed in such a way that it is unit testable.

If azure or any cloud service can be used for database then we can save time on installations. (Optional)

Please be ready to **explain the approach** taken.

Functional guidelines:-

Number of employees can increase in future.

User shouldn't need to navigate to multiple pages for specific record.

Sample screen is given below. You can use your imagination though.

Bold marked functionalities above are mandatory (**browse & search**)

