EmployeeMS

EmployeeMS is the working title of an Employee Records Management System. It is developed on .NET Core 3.1.

Database is build in MSSQL Management Studio (version 14.0). Sample Data is inserted by DataSeedMiddleware on start up of the application.

Front-end style is partly bootstrap and partly custom.

The solution consists of three projects – one web and two class libraries .NET Standard 2.0

* Class Library for Data where entities, repository (generic) and dbContext are implemented
* Class Library for Services – services and their interfaces
* Web project – controllers, models and view for data visualization and manipulation

The project represents a list of all employees who are hired in a company. There is a bool attribute isActive, where they can be set to true or false, depending on their working status.

On start up employees are listed without any filter. If the user wants to perform some selection it can be done by choosing one or some of the following criteria:

* Department
* Line Manager
* Title
* Name
* Monthly Salary
* Hire Date

In the table where all or the selected employees are listed are shown all their properties. At the right end, there is an “open” link which navigates to the chosen employee page, where again all his/her properties are listed. At the bottom of the page there is “Comments” section. If the chosen employee has comments about him/her, they will be seen at the bottom, together with the total count. There is a possibility new comments to be inserted through “post comment” form. The existing posts can be edited or deleted. In database the already deleted comments are marked as “deleted” and are not visible for the user.