

Create an application for managing **Employees** and **Business Partners**. Each employee can have a supervisor and can have his own business partners.

Objects must have at least following properties:

- **Employee**
 - Name
 - Position
- **Business Partner**
 - Name
 - Email
 - Phone

For **Employee** it should be possible to

- **view** employees
- **create/edit/remove** employee
- **view/edit** associated supervisor.
- **view/edit** associated business partners.
- **view** all business partners associated to him and all his subordinate employees (full hierarchy).

For **Business Partner** it should be possible to

- **view Business** partners
- **create/edit/remove** business partner
- **view/edit** associated employee.

Application **must be** created using:

- C#
- .NET 4.5+
- Visual Studio 2013+

Application **must be** created as:

1. ASP.NET – one of (*):
 - a. MVC + Angularjs + SPA + Typescript
 - b. MVC + Angularjs + SPA
 - c. MVC + Angularjs + Typescript
 - d. MVC + Angularjs
 - e. MVC + Ajax + Typescript
 - f. MVC + Ajax
 - g. MVC

Pattern – one of (*):

1. CQRS + Event Sourcing
2. CQRS
3. Active record (CRUD)

For database use:

- MS SQL server (2005+), express, LocalDB

For data access use – one of (*):

1. Dapper
2. Entity framework
3. ADO.NET

(*) – When you have multiple choices, please use the first one you feel comfortable with, and you'll be able to complete the sample with.

Send us back whole solution as a zipped file. Solution must be **compilable**. (Describe instruction for compilation if it's necessary)

Database must be included as SQL script.