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
  - o Name
  - o Position
- Business Partner
  - o Name
  - o Email
  - o 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:

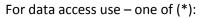
- 1. ASP.NET one of (\*):
  - a. MVC + Angularjs + SPA + Typescript
  - b. MVC + Angularjs + SPA
  - c. MVC + Angularjs + Typescript
  - d. MVC + Angularjs
  - e. MVC + Ajax + Typescript
  - f. MVC + Ajax
  - g. MVC

# Pattern – one of (\*):

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

#### For database use:

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



- 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.