

Programming assignment #3 Agreement Prices

This assignment has been designed to be done on your own computer using VS community edition or some other version. You can also do this in other language if you prefer.

.Net developers:

Create an ASP.MVC app which uses entity framework. You can use .Net core 3.1 or .Net Framework 4.x. You can even use .Net 5 if you feel brave enough.

Other developers

User your preferred IDE, language and frameworks. 😊

Using EF or other ORM framework:

Create a customer table with columns

- Running ID
- Customer identification number (text)
- Name

Create a table for customer agreements with

- Running ID
- Reference to customer
- Agreement type (int)
- agreement start (datetime)
- agreement end (datetime, nullable)

Create a table for agreement service with

- Running ID
- Reference to agreement
- Service type (int)
- Service fee (decimal)

Create at least 5 rows test data with sufficient coverage automatically

Create CRUD rest api for these tables.

Create a HTML user interface (using either angular, react, vue or jquery) which uses the said API and which provides actions for the data.

Functions required are

- Listing customers
- Listing customer agreements, with sum of service fees included
- Listing agreement services

- Adding / updating agreement services
- More can be done if you want

Unit testing for service and client side

Project must be published into your own github for review.