



L U F T B O R N

.NET Codetest





Test objectives:

In general, we want to have at least some code in the following three languages:

- C#
- JavaScript (TypeScript)
- CSS (SCSS)

Using any external library is allowed, the same goes for old code in your repository. Utilizing external libraries does have to be utilized for a good reason though.

The Test

Your tasks

1. Create an empty ASP.NET core application
2. Basic CRUD operations:
Add basic CRUD operations to the application.
3. SSO (Single Sign on) **Optional task:**
Implement SSO in the application with any external identity provider of your choice, (ADFS is recommended).



Focuspoints

- **Scalability:** Our solution needs to be maintainable and scalable.
- **Readability:** write code with meaningful function and variable names
- Extract your code to classes where a class or a function only have one specific purpose
- Only write comments, if code is not self-explanatory (which it should be for the most part)
- Try to write your own code. Importing libraries has to be for a good reason.

The Test

Technologies

Web: ASP.NET Core

Database: SQL Server or MongoDB.

Frontend: Vanilla JS, React or Angular.



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