

Option 1

Questions:

- How do you document your code?
- What are your thoughts on unit testing?
- What Design Patterns you have used in your projects?
- What are the most important performance issues in [ASP.Net](#) web applications?

Coding task:

Develop an [ASP.Net](#) Core API for managing promo codes.

Please use this layout as a reference

<https://www.figma.com/file/6J7oriX3K4zPLF2lrhflvJ/front-end-test-prototype>

API should support the following functionality:

- Ability to search services by name
- Ability to Activate bonus for a Service for the current user
- Infinite scroll for the Services list
- An API user should be authorized.
- Store data in any relational database, use EF Core to access data.
- Use tests in your project.
- The project should include a README.md with instructions on how to run it locally.

Please push your results to GitHub and send us the link to the repository.

Option 2

Questions:

- How do you document your code?
- What are your thoughts on unit testing?
- What Design Patterns you have used in your projects?
- What do you think about Typescript?
- What are the most important performance issues in React web applications?

Coding task:

Develop a React SPA application for managing promo codes.

Please use this layout

<https://www.figma.com/file/6J7oriX3K4zPLF2lrhflvJ/front-end-test-prototype> and include the following functionality:

- Ability to filter services by name.
- Ability to reset filters.
- Ability to copy promo code to the clipboard.
- Ability to change service status to "Activated" by clicking on the "Activate bonus" button.
- Please mock the API.

The project should be built with webpack and include a README.md with instructions on how to run it locally.

Please push your results to GitHub and send us the link to the repository.