

Technical Assignment Backend

Dear {name},

We would like to congratulate you on progressing to the next phase of the interview process. This stage involves a technical evaluation which will be discussed in more detail below. For review purposes, we'd like you to create an example for us to sample your code.

Assignment

Our Product Owner wants to offer a list of server information to our customers. The functional requirements are that the list should help customers to quickly find what they are looking for. The list is quite large, so having several filters is a must. Customers want to compare server specs and prices to each other

Our Technical requirements

- code needs to be Unit tested -> (couple of examples should suffice)
- code needs Functional tests -> (couple of examples should suffice)
- A back-end
- Create an API created using PHP (We use Symfony)

The data that will be populated in this page has been provided by several departments within a excel sheet ([Leaseweb_servers_filters_assignment.xlsx](#)) there is no plan to place this in a database in the near future. Hint: look at the data, and how to get this maintainable.

if you have any questions please contact us, we would be able to help you further

Bonus points

- Code quality
- Application structure
- User Interface
- Optimization (load times and rendering performance)

Delivery

We would like you to demo your project for us. Please prepare to show us the product as well as explain the technical approach that you took. The format will be that of a sprint review where the entire team will be present.

Please also

- Share your project as a link to a repository, send us a ZIP-file containing the source or a link to where it is hosted.
- We will prefer the project to be hosted somewhere where we can access it.
- We should be able to get the project up and running per your instructions if you do not host it yourself.
- Keep in mind that we would like you to show off your front-end as well as backend skills.
- You can make reasonable assumptions if something is unclear regarding the scope of the assignment.

Resources

[Leaseweb_servers_filters_assignment.xlsx](#)