SONY

IN SEARCH FOR AWESOME PHP DEVELOPERS

» Context

Below is a technical assignment that we would like you to complete using PHP. You are free to select any database or PHP framework but you will be asked for the reasons of your selection.

Please include a brief explanation of your design and assumptions, along with your code, as well as detailed instructions to run your application.

» Task : Simple Translation Memory

The company needs a simple translation memory that works between the company's applications and translation agencies. It aims to improve and fasten the translation process and also will have a positive impact on decreasing the translation cost. The translation memory will interact with company applications and translation agencies over a restful service.

The service should have following methods:
· **GET** /waiting – Retrieves the list of values waiting to be translated. This method will be used by translation agencies.
· **GET** /value – Retrieves the list of translations of a value. This method will be used by internal applications.
· **POST** /value – Sends a value to the translation memory to be translated. The response will give information if the value is already translated or needs to be translated. This method will be used by internal applications.
· **POST** /translate – Sends a translation of a value to the translation memory. This method will be used by translation agencies.

Please complete the following tasks within the light of given information
1. Design the database structure
2. Implement the service layer
3. Create a unit test suite and code coverage report
4. Share the code with sufficient documentation to setup and test in our local pc

» The Next Step

If you are invited to an interview after you have submitted your solution, for your convenience,

please bring your laptop. If you cannot bring one, there will be one made available for you.

Please understand that we will ask you about your solution in depth.