

Thank you for taking the interview, next phase of our recruitment process will be a coding test. The tasks are described below.

Task 1: Develop a simple product CRUD for an ecommerce application where an admin/vendor can Create, Read, Update and Delete products. Also need to add variants.

- Separate Model and Route for Admin and Vendor
- Simple Product CRUD
- Product Variation based on attributes like color, size, Categories and Subcategories and more.
- Use RestApi
- Encouraged to use Latest version of laravel and vuejs
- Variation of products and variations are editable and deletable, user can add prices for variations also.

Task 2:

- Create a Factorial calculator in a manner that will increase the calculation speed and reduce time complexity.
- Create a Fibonacci series calculator, take inputs up to number 20 in a manner that will increase the calculation speed and reduce time complexity.
- Get a sentence and check if it's a palindrome or not and if palindrome it's even or odd palindrome.

Note: Use PHP/JavaScript to solve task two.

Compress your code files and database and send it via email.