



# **CIUK Front End Developer Technical Task**

*2016/17*



## **Introduction**

First of all, well done for getting through to this stage. CIUK believes in using innovative technology to change the way that we communicate. Through this we can make resource sharing as efficient as possible.

We require programmers who have knowledge of front end code. Over your time with us, you will specialise in one set role.

However our team is dynamic and our priorities are to complete large projects and work towards management guidelines to roll out these products, test them, improve them and then release more!

**In the task below we are looking for you to provide user friendly interface for a user to manage products.**

**We understand that you are busy so the tasks below should take no longer than 4 hours. Please be honest with us if it takes much less or more time, so that we can accurately gauge your ability.**

**If you have any problems with the existing code please contact our CTO via email: [ernest@careerinteractive.org](mailto:ernest@careerinteractive.org)**

In the zip file attached there are already set up a basic server written in Python. To run it use command: `python server.py` . Server will run on port 3000. This server exports five API end points:

GET `/products` - This end point enables you to get a full list of products.

GET `/product/{id}` - This end point enables you to get one product by ID. In this end point `id` is a variable for the product and can be any number.

POST `/product` – This end point enables you to add one product. You need to pass body of name, price and description.

PUT `/product/{id}` – This end point enables you to update one product by given id. You need to pass body of name, price and description.

DELETE `/product/{id}` – This end point enables you to delete one product by given id.

### **Task**

Create a front end user friendly interface using HTML and CSS and consume server end points using JavaScript to list all products, view selected product, add new product, update existing product and delete product.