



PHP Test

Introduction

- Write a web application as described below.
- Your code must work. Code design and style will also be evaluated.
- You may use the libraries or frameworks of your choice, as far as you specify those as installation requirements.
- The response must be emailed back at most **1d** after receiving this document.
- No questions will be answered. If you have any questions, just choose a sensible answer and document your assumptions in your response.
- Don't worry if you don't manage to do it all, this is just to get a feeling of what you are capable of!

Deliverables

- Source code of your application.
 - We are happy with code handed in in a **zip file**, but we like it even better when we get access to a **privately shared git repository**.
 - We know how to use composer, npm, pip, etc... so don't bother including ALL the external libraries you use.
- Installation steps, including all installation requirements: libraries, frameworks, etc.
Unless very specific, you do not need to describe how to install Apache/Nginx, PHP/Node.js/Python or MySQL/Mongodb etc...
- If applicable, SQL for the creation of the data model and some sample data to test your application.
- If you use a framework, please try to write some code yourself and not only rely on its code generation tools.

Requirements

The application will allow the users to prepare cocktails by adding and removing ingredients in the correct order. An interface to change the order of the ingredients is expected.

The ingredients are available in this url : <http://www0.ims-spain.com/cocktail.json>

- Ingredients
 - An ingredient has a name and a raw cost price.
- Cocktails
 - A cocktail has a name, a selling price and is made from several ingredients.

The selling price of a cocktail equals the total of all its ingredients plus an added **25%** of the total for the preparation.

- Examples:
 - The Caipirinha is made of the following ingredients in this order:
 - Lemon juice: €1.5
 - Lime: €0.8
 - Refined sugar: €0.8
 - **Total Price = €3.87**
 - Long Island Iced Tea :
 - Vodka: €1.1
 - Tequila: €1
 - Gin: €1.2
 - Lemon juice: €1.5
 - **Total Price = €6**

Good luck!

The "MCO" IT Crowd