WEB APPLICATION - BURGER FACTORY

1. General information

You have to develop a web application for a burger creator enterprise.

Your objective is to provide an interface which will allow users to create their own burgers. You will do both the front-end part and the back-end part.

As a front-end developer, you will have to develop an UI in HTML5 / CSS3 / JS. AJAX requests will be used to send / retrieve new data.

2. Description

The user can select, create, edit and delete a burger. (basic CRUD operations). A burger has a name, a version number and a list of ingredients.

The user can also select, create, edit and delete an ingredient. An ingredient has a name, and a spicy level.

The ingredients must be put in a chosen order.

Feel free to add more details depending on your time remaining.

4 pages must be developed :

- A home page, which will show the 10 last burgers in a basic slideshow.

- A burger creator page which will allow you to do CRUD operations on burgers depending on ingredients.

- An ingredient creator page which will allow you to do CRUD operations on ingredients.

- An «About Us» page, which should contain a basic text.

3. Back-end

As a back-end developer, you can use a MySQL database (Postgres, Mongo, etc). If so, you will need to create a several tables depending on your comprehension of the subject. PHP will be the server side language which you will use to interact with both the database and the front-end. If you want to use a static file format like JSON or XML, feel free to, but you will have to explain your choice.

4. Front-end

As a front-end developer, you will use HTML5, JS and CSS3 to develop your UI.

5. Advices

You are free to arrange your code as you wish, but do not forget that the structure is important. Your code must be clear, concise, well documented.

No restrictions about the tools you could use : frameworks are very appreciated.

About the back-end, you can use Silex or Slim (both are PHP frameworks), to accelerate your development.

About the front-end, you can use a JS / HTML5 / CSS3 framework like Bootstrap and you can use a full featured JS framework like AngularJS, Ember, Backbone as well.