PHP Developer Applicant Task : Harry’s Crab Shack

Harry’s Crab Shack is a business that provides a variety of crustaceans that they would like to be available on an online store. What they’ve asked you to do is to create a simple bespoke system in PHP where they can add new products and then view them as a list. This aims to test your knowledge of various aspects of development in PHP and MySQL as well as your particular approach to coding.

**Requirements**

1. A MySQL database containing a table for the storage of product data.
2. A webpage where details of a new product may be inputted and inserted into the products table. This should include the following fields:
   * Product Name (up to 50 characters long)
   * Price (must be formatted to 2 decimal places)
   * Quantity (must be a number between 1 to 10)
   * Product Description (can be any length of text)
   * Product Category (must be one of the following)
     + Spider Crabs
     + Lobsters
     + Shrimps
     + Crayfish
     + Misc
3. A webpage where these products are listed. Ideally in a table or tabular format displaying their key details.
   * There should be a way of reordering the products on the page by product name or price.

Other than the requirements above, the design, look and user experience is completely up to you. This task is about your knowledge of bespoke PHP and MySQL so any knowledge of CSS/JavaScript frameworks etc would be a bonus but isn’t what we’ll be looking at.

**Submission**

Because of the technology required in this project, we recommend developing it either on a local environment using software like XAMPP or LAMP, or on an external webserver you have access to. As part of your submission, please provide a zip file containing the files you have written, a MySQL .sql dump for us to recreate the database structure/data and, if needed, instructions on how to get them working on another environment and any links to publicly accessible versions of the system online.

Please submit your code and any associated files to [graeme@whatcar-leasing.co.uk](mailto:graeme@whatcar-leasing.co.uk) including your name and any additional comments. Feel free to use a service like WeTransfer and send a link through instead if the file is particularly large in size.