

**QUORE**

PHP/MySQL Practical Test

**Problem:**

Based on the 2 tables described below, create a single PHP page that Inserts, Deletes, Updates and Lists a set of Hotels.

**Requirements:**

* The page will start showing a list of Properties that are saved in the database. From the list, you can update or delete each row (each Hotel). Somewhere on the page you will have an insert button that takes you to a form that inserts a new record into the property table. Same form can be used for the update function.
* Validations are necessary for all the fields (none can be empty, all have a length (size) limit, visually format Phone Number in US format and validate URL formation).
* The Region table will be pre-populated with 2 or 3 regions (there is no need to make an UI to deal with this table).
* Region table relation to Property table is 1 to n.
* “isFullService” field can be populated with 1 or 0 (Full-Service or Select Service).
* You can use external libraries to accomplish the test as well create other files to hold functions and such.
* Cannot use any type of Frameworks.

**Tables Structure (MySql):**

Region (id and name).

* “Id” can be auto-increment.
* “Name” size is 50 characters.

Property (id, name, brand, phone#, is Full Service, URL).

* “Id” can be auto-increment.
* “Name” size is 50 characters.
* “brand” size is 25 characters.
* “phone” size is 25 characters.
* “URL” size is 255 characters.

Both tables must use the above columns but are not limited to them. Additional tables can be created/used.

**What will be considered?**

* Cleanness of final code
* Data Modeling
* Logic
* UIX Architecture