



Thank you for showing interest in the Full Stack Developer position at Royal Caribbean. We prepared a PHP and JavaScript programming assessment to evaluate your coding and research skills.

You have 72 hours to complete it, you can send us the files or upload your project to GitHub.

Create a form to register a new guest with the following fields:

Guest Information:

- Text Fields for Personal Identification, First Name and Last Name
- Text field for Email address
- Checkbox: Include guest in email list

Cruise Preference:

- Radio Buttons for Brand (Celebrity / Azamara / Royal)
- Drop Down for Ships (Please add at least 2 ships from each brand)
- Date picker for Sail Date
- Text Area for comments
- 2 buttons: Submit and Reset

Registered Guests: (Below the form show the list of current registered guests)

- Grid with all Registered Guests
- Option to remove the selected guest

Validations:

- All fields are required except for Comments.
- Personal Identification is a 7-digit number.
- Sail date is in the future
- The comments can't exceed 500 characters

**On Form Submission:**

Call a PHP code that will get the information from the form and save it in a new Oracle database table **guest_registration** with the following fields:

personal_id number not null

first_name varchar (50) not null

last_name varchar (50) not null

email_address varchar(100) not null

brand varchar(1) (Royal = R, Celebrity = C, Azamara = Z)

email_list_flag number not null (0 or 1)

ship varchar(100) not null

sail_date date not null

comments varchar(500)

Submit validation:

- Validate if the person is already registered by their personal identification.
- PHP code should return if the registration was successful or not.
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On Delete:

- Call a php code that will remove the selected guest from the database.

RULES:

- **The formatting and presentation is up to you.**
- **Please do not use frameworks or libraries**
- **Please include your SQL scripts for migration/implementation**
- **The code should look exactly as it would if I were to request this same task from you while you were working here.**

Resources:

Visual Studio Code: <https://code.visualstudio.com/>

Javascript/HTML sandbox: <http://jsfiddle.net/>

PHP Sandbox: <http://sandbox.onlinephpfunctions.com/>