

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

You have 72 hours to complete this assessment, 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 an 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.
- You can use frameworks and libraries
- Please include your SQL code for table creation
- 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/>