

SEARCH FOR A USER AND RETURN ASSOCIATIVE ARRAY RESPONSE - ACTIVITY

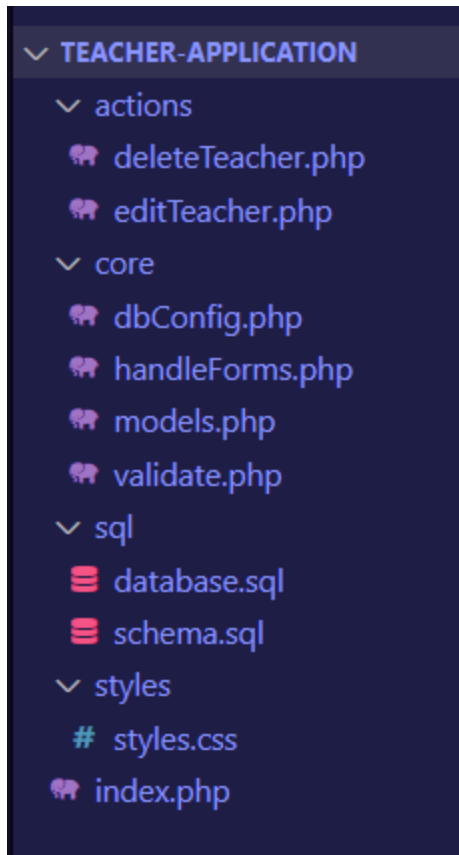
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SECTION: UCOS 3-1

INSTRUCTIONS.

- Create a **JOB APPLICATION SYSTEM** centered around what you think is the most noble job. You have the power to create your **OWN DATA MODEL** for the job application system.
 - Please keep in mind that the system should have a **SEARCH FEATURE** on the homepage. We should be able to search for a user using all the columns from the table except for the primary key column.
 - The system should have a basic **CREATE, READ, UPDATE, AND DELETE (CRUD)** functionality for the **APPLICANTS RECORDS**. The functions you'll create should be able to return an associative array containing the following keys.
 - **message** - It stores the response message of the function. For example, a user has been inserted successfully, a query failed, etc.
 - **statusCode** - 200 if successful and 400 if an error has occurred.
 - **querySet** (if applicable) - This key stores the result set of the given SQL query.
1. What do you think is the most noble job? Write your answer below.
 - The most noble job for me is being a teacher. Being a teacher is hard because it requires dedication, kindness, and especially patience to their students.

2. What does your folder structure look like? Paste a screenshot below.



3. Please paste a Google Drive link below of a video presentation where you **create a new applicant, edit a record, and delete a record** and **search** for a certain applicant. Please make sure you set the visibility to **anyone with a link**.

https://drive.google.com/drive/folders/1leG3khOXrAoLCk4uiQZbUnYb8O0ynkFB?usp=s_haring

4. Paste the GitHub link of your job application system below.

<https://github.com/ArjoshCruz/JobApplicationSystem-Teacher/tree/main>

5. Paste 3-5 entire screen screenshots below about what you did so far for **NOVEMBER 7, 2024**. This will serve as your attendance record for today. Submit within the day.

The first screenshot shows the Mockaroo website interface for generating fake data. It displays a table schema with fields: teacher_id (Row Number), first_name (First Name), last_name (Last Name), age (Number), gender (Gender), email (Email Address), yrs_of_experience (Number), position (Custom List), subject_specializat (Custom List), and date_added (Datetime). The # Rows is set to 1000, Format is CSV, and Line Ending is Unix (LF).

The second screenshot shows a code editor with a SQL schema for a table named 'teacher_records'. The schema includes fields: teacher_id (INT AUTO-INCREMENT PRIMARY KEY), first_name (VARCHAR(50)), last_name (VARCHAR(50)), age (INT), gender (VARCHAR(50)), email (VARCHAR(50)), yrs_of_experience (VARCHAR(50)), position (VARCHAR(50)), subject_specialization (VARCHAR(50)), and date_added (TIMESTAMP DEFAULT CURRENT_TIMESTAMP).

The third screenshot shows a PHP configuration file named 'dbConfig.php' in a code editor. The code sets database connection parameters: \$host = "localhost", \$user = "root", \$password = "", \$dbname = "teacher_application", and \$dsn = "mysql:host={\$host};dbname={\$dbname}";. It also creates a PDO object and sets the time zone to '+08:00'.

```

index.php x # styles.css dbConfig.php handleForms.php models.php schema.sql
index.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Document</title>
7     <link rel="stylesheet" href="styles/styles.css">
8 </head>
9 <body>
10     <h1>Teacher Application w/ Search</h1>
11     <form action="core/handleForms.php" method="post">
12         <p>
13             <label class="bold" for="firstName">First Name: </label>
14             <input type="text" name="firstName" placeholder="e.g. Juan" required>
15         </p>
16
17         <p>
18             <label class="bold" for="lastName">Last Name: </label>
19             <input type="text" name="lastName" placeholder="e.g. Delacruz" required>
20         </p>
21
22         <p>
23             <label class="bold" for="age">Age: </label>
24             <input type="number" name="age" placeholder="e.g. 18" required>
25         </p>
26
27         <p>
28             <label class="bold" for="gender">Gender: </label>
29             <select name="gender">
30                 <option value="Male">Male</option>
31                 <option value="Female">Female</option>
32                 <option value="Prefer Not to Say">Prefer Not to Say</option>
33             </select>
34         </p>
35
36         <p>
37             <label class="bold" for="email">Email: </label>
38             <input type="email" name="email" placeholder="e.g., j.delacruz@gmail.com" required>
39         </p>
40
41         <p>
42             <label class="bold" for="yrs_of_experience">Years of Experience: </label>
43             <input type="number" name="yrs_of_experience" placeholder="e.g. 5" required>
44         </p>
45
46         <p>
47             <label class="bold" for="position">Position: </label>
48             <input type="text" name="position" placeholder="e.g. Principal" required>

```

```

core/handleForms.php
1 <?php
2     require_once 'dbConfig.php';
3
4     function insertIntoTeacherRecords($pdo, $first_name, $last_name, $age, $gender, $email, $yrs_of_experience, $position, $subject_specialization) {
5         $sql = "INSERT INTO teacher_records (first_name, last_name, age, gender, email, yrs_of_experience, position, subject_specialization) VALUES (?, ?, ?, ?, ?, ?, ?, ?)";
6         $stmt = $pdo->prepare($sql);
7
8         $executeQuery = $stmt->execute([$first_name, $last_name, $age, $gender, $email, $yrs_of_experience, $position, $subject_specialization]);
9
10        if ($executeQuery) {
11            return true;
12        }
13    }
14 }

```

Teacher Application w/ Search

First Name:

Last Name:

Age:

Gender:

Male

Email:

Years of Experience:

Position:

Subject Specialization:

Submit

| First Name | Last Name | Age | Gender | Email | Years of Experience | Position | Subject Specialization |
|------------|-----------|-----|--------|-------|---------------------|----------|------------------------|
|------------|-----------|-----|--------|-------|---------------------|----------|------------------------|