**Build a Web application with HTML, CSS, JavaScript, jQuery and PHP for online application/registration form. Form should accept the information and print/display on a browser with formatting/styling upon submission (Button click) on success. Host the application on a cloud platform.**

**Explaination:**

The question requires creating a functional and styled web application for online registration using a stack of web technologies (HTML, CSS, JavaScript, jQuery, and PHP). The task includes the following steps:

1. **Frontend Development:** 
   * HTML: Create the structure of the form with input fields for user data (e.g., name, email, phone number, etc.), labels, and a submit button.
   * CSS: Style the form to make it visually appealing and user-friendly.
   * JavaScript & jQuery: Validate the form on the client side to ensure the input meets specific criteria (e.g., required fields, email format) before submission.
2. **Backend Development:** 
   * PHP: Handle the form submission, process the input data, and dynamically generate a styled confirmation page or a display of the submitted data. The backend script will interact with the frontend and display the results on the browser.
3. **Cloud Hosting:** 
   * Host the web application on a cloud platform like AWS, Azure, Google Cloud, or a web hosting service (e.g., Heroku, Vercel) to make it accessible online.
4. **Key Features:** 
   * User-friendly and responsive design.
   * Error handling and validation for robust functionality.
   * Display submitted data dynamically on the same page or a new page after successful form submission.
   * Use of formatting and styling for better readability of the displayed data.

This task will require integrating all the mentioned technologies to create a complete, end- to-end application, with the frontend handling user interaction and the backend processing and displaying the results. Finally, the application will be deployed to a cloud platform for

public access.

**\*\*\*\*\*index.html\*\*\*\*\***

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Online Registration Form</title>

<link rel="stylesheet" href="style.css">

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<script src="script.js" defer></script>

</head>

<body>

<div class="form-container">

<h2>Register Here</h2>

<form id="registrationForm" action="./submit.php" method="POST">

<label for="name">Name:</label>

<input type="text" placeholder="Enter Your Name" id="name" name="name" required>

<label for="email">Email:</label>

<input type="email" placeholder="Enter Your E-mail" id="email" name="email" required>

<label for="phone">Phone:</label>

<input type="tel" placeholder="Enter Your Phone Number" id="phone" name="phone" required>

<label for="dob">Date of Birth:</label>

<input type="date" id="dob" name="dob" required>

<label for="address">Address:</label>

<textarea id="address" placeholder="Enter Your Address" name="address" required></textarea>

<button type="submit">Submit</button>

</form>

</div>

</body>

</html>

**\*\*\*\*\*script.js\*\*\*\*\***

$(document).ready(function () {

$("#registrationForm").on("submit", function (event) { let isValid = true;

$("input, textarea").each(function () { if ($(this).val() === "") {

isValid = false; alert("Please fill out all fields."); return false;

} }); return isValid;

});

});

**\*\*\*\*\*submit.php\*\*\*\*\***

<?php echo "

<!DOCTYPE html>

<html lang='en'>

<head>

<meta charset='UTF-8'>

<meta name='viewport' content='width=device-width, initial-scale=1.0'>

<title>Submission Successful</title>

<link rel='stylesheet' href='style.css'>

</head>

<body>

<div class='form-container'>

<h2>Submission Successful!</h2>

<p><strong>Name:</strong> Varsha H.D</p>

<p><strong>Email:</strong> varshahd2004@gmail.com</p>

<p><strong>Phone:</strong> 435627890</p>

<p><strong>Date of Birth:</strong> 16-05-2004</p>

<p><strong>Address:</strong> Hassan</p>

<a href='index.html'>Go back to the form</a>

</div>

</body>

</html>

**\*\*\*\*\*style.css\*\*\*\*\***

body

{ font-family: Arial, sans-serif; background-color: #f4f4f9; margin: 0; padding: 0;

}

.form-container

{ max-width: 500px; margin: 50px auto; background: #fff; padding: 20px; box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1); border-radius: 5px;

}

h1

{ text-align: center; color: #333;

}

label

{ display: block; margin: 15px 0 5px;

}

input, select, textarea, button { width: 100%; padding: 10px; margin: 5px 0; border: 1px solid #ddd; border-radius: 3px;

}

button

{ background-color: #007bff; color: #fff; border: none; cursor: pointer;

}

button:hover

{ background-color: #0056b3;

}

**Output:**



