<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Form Validation with AJAX</title>

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

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

</head>

<body>

<div class="container">

<h1>AJAX Form Validation</h1>

<form id="userForm">

<label for="username">Username:</label>

<input type="text" id="username" name="username" required>

<div id="usernameError" class="error"></div>

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

<input type="email" id="email" name="email" required>

<div id="emailError" class="error"></div>

<input type="submit" value="Submit">

</form>

<div id="result"></div>

</div>

<script>

$(document).ready(function () {

$('#userForm').on('submit', function (e) {

e.preventDefault(); // Prevent form from submitting traditionally

var username = $('#username').val();

var email = $('#email').val();

$.ajax({

url: 'validate.php',

type: 'POST',

data: {

username: username,

email: email

},

success: function (response) {

var data = JSON.parse(response);

if (data.success) {

$('#result').html("<p>Form submitted successfully!</p>");

$('#usernameError, #emailError').html('');

} else {

$('#usernameError').html(data.usernameError);

$('#emailError').html(data.emailError);

}

}

});

});

});

</script>

</body>

</html>

<?php

$response = array(

‘success’ => false,

‘usernameError’ => ‘’,

‘emailError’ => ‘’

);

If ($\_SERVER[‘REQUEST\_METHOD’] === ‘POST’) {

$username = $\_POST[‘username’];

$email = $\_POST[‘email’];

// Username validation

If (empty($username)) {

$response[‘usernameError’] = ‘Username is required’;

} elseif (strlen($username) < 5) {

$response[‘usernameError’] = ‘Username must be at least 5 characters long’;

}

// Email validation

If (empty($email)) {

$response[‘emailError’] = ‘Email is required’;

} elseif (!filter\_var($email, FILTER\_VALIDATE\_EMAIL)) {

$response[‘emailError’] = ‘Invalid email format’;

}

// If no errors, success is true

If (empty($response[‘usernameError’]) && empty($response[‘emailError’])) {

$response[‘success’] = true;

}

}

Echo json\_encode($response);

?>

Body {

Font-family: Arial, sans-serif;

Background-color: #f0f0f0;

Display: flex;

Justify-content: center;

Align-items: center;

Height: 100vh;

Margin: 0;

}

.container {

Background-color: white;

Padding: 20px;

Border-radius: 8px;

Box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

Text-align: center;

Width: 300px;

}

.error {

Color: red;

Font-size: 12px;

}

Input[type=”submit”] {

Margin-top: 20px;

Padding: 10px 20px;

Background-color: #28a745;

Color: white;

Border: none;

Cursor: pointer;

Border-radius: 5px;

}