

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="style.css">
  <title>User Data Validation</title>
</head>
<body>

  <div class="container">
    <h1>User Data Validation</h1>
    <form id="userForm">
      <label for="name">Name:</label>
      <input type="text" id="name" name="name" required>

      <label for="password">Password:</label>
      <input type="password" id="password" name="password" required>

      <label for="phone">Phone:</label>
      <input type="text" id="phone" name="phone" required>

      <label for="email">Email:</label>
      <input type="email" id="email" name="email" required>

      <label for="address">Address:</label>
      <textarea id="address" name="address" required></textarea>

      <button type="button" id="submitBtn">Submit</button>
    </form>
  </div>

  <script src="https://code.jquery.com/jquery-3.6.4.min.js"></script>
  <script src="script.js"></script>
</body>
</html>
```

style.css

```
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  display: flex;
  align-items: center;
  justify-content: center;
  height: 100vh;
  background-color: #f4f4f4;
}

.container {
  background-color: #fff;
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padding: 20px;
border-radius: 8px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

form {
display: flex;
flex-direction: column;
}

label {
margin-bottom: 5px;
}

input, textarea {
margin-bottom: 15px;
padding: 8px;
border: 1px solid #ccc;
border-radius: 4px;
}

button {
padding: 10px;
background-color: #4caf50;
color: #fff;
border: none;
border-radius: 4px;
cursor: pointer;
}

button:hover{
transform: scale(1.02);
transition: 0.5s;
}

```

script.js

```

$(document).ready(function() {
    $("#submitBtn").on("click", function() {
        // Get input values
        var name = $("#name").val();
        var password = $("#password").val();
        var phone = $("#phone").val();
        var email = $("#email").val();
        var address = $("#address").val();

        // Validate name (only alphabets)
        var nameRegex = /^[a-zA-Z]+$/;
        if (!nameRegex.test(name)) {
            alert("Please enter a valid name (only alphabets).");
            return;
        }

        // Validate password (minimum 6 characters)

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if (password.length < 6) {
    alert("Password must be at least 6 characters long.");
    return;
}

// Validate phone number (numeric, 10 digits)
var phoneRegex = /^[0-9]{10}$/;
if (!phoneRegex.test(phone)) {
    alert("Please enter a valid 10-digit phone number.");
    return;
}

// Validate email
var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
if (!emailRegex.test(email)) {
    alert("Please enter a valid email address.");
    return;
}

if (address.trim() === "") {
    alert("Please enter your address.");
    return;
}

alert("Form submitted successfully!");
});
});

```

Output :

The screenshot shows a web browser window. At the top, a dark status bar displays '127.0.0.1:5500 says' and 'Form submitted successfully!' with an 'OK' button. Below this, a white form titled 'User Data Validation' is centered. The form contains the following fields and values:

- Name:
- Password:
- Phone:
- Email:
- Address:

At the bottom of the form is a green 'Submit' button.