WEB APPLICATION DEVELOPMENT LAB
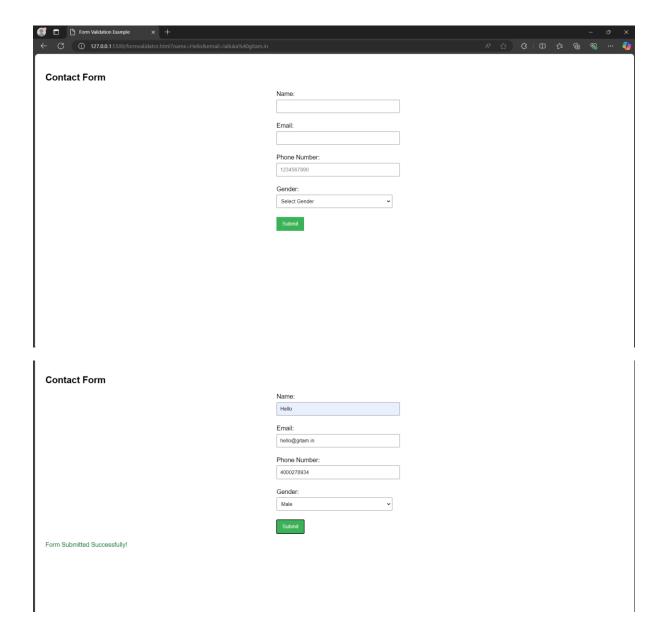
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Sai Ganesh Eswaraprasad

HU22CSEN0100287

Webpage where JavaScript is used to validate a form

Errors:

Contact Form

Name:

| Hello |

Email:

| hello@gitam.in |

Phone Number:

| 400027893 |

Gender:

| Male ▾ |

[Submit]

Please enter a valid phone number (e.g., 123-456-7890).

Contact Form

Name:

| Hello |

Email:

| hello@gitam.in |

Phone Number:

| 4000278934 |

Gender:

| Select Gender ▾ |

[Submit]

All fields (Name, Email, Phone, Gender) are required.

Contact Form

Name:

| Hello |

Email:

| hellogitam.in |

⚠ Please include an '@' in the email address. 'hellogitam.in' is missing an '@'.

| 4000278934 |

Gender:

| Male ▾ |

[Submit]

Contact Form

Name:

| |

Email:

| hello@gitam.in |

Phone Number:

| 4000278934 |

Gender:

| Male ▾ |

[Submit]

All fields (Name, Email, Phone, Gender) are required.

CODE :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Form Validation Example</title>

    <style>
        body {
            font-family: Arial, sans-serif;
            padding: 20px;
        }

        form {
            max-width: 300px;
            margin: auto;
        }

        input[type="text"], input[type="email"], input[type="tel"], select {
            width: 100%;
            padding: 8px;
            margin: 5px 0;
        }

        input[type="submit"] {
            padding: 10px 15px;
            background-color: #4CAF50;
            color: white;
            border: none;
            cursor: pointer;
        }

        input[type="submit"]:hover {
            background-color: #45a049;
        }

        #error-message {
            color: red;
            margin-top: 20px;
        }

        #success-message {
            color: green;
            margin-top: 20px;
        }
    </style>
</head>
```

```html
</head>
<body>

    <h2>Contact Form</h2>

    <form id="contactForm" onsubmit="return validateForm()">
        <label for="name">Name:</label><br>
        <input type="text" id="name" name="name"><br><br>

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

        <label for="phone">Phone Number:</label><br>
        <input type="tel" id="phone" name="phone"
placeholder="1234567890"><br><br>

        <label for="gender">Gender:</label><br>
        <select id="gender" name="gender">
            <option value="">Select Gender</option>
            <option value="Male">Male</option>
            <option value="Female">Female</option>
            <option value="Other">Other</option>
        </select><br><br>

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

    <div id="error-message"></div>
    <div id="success-message"></div>

    <script>
        function validateForm() {
            let name = document.getElementById("name").value;
            let email = document.getElementById("email").value;
            let phone = document.getElementById("phone").value;
            let gender = document.getElementById("gender").value;
            let errorMessage = document.getElementById("error-message");
            let successMessage = document.getElementById("success-message");

            errorMessage.innerHTML = "";
            successMessage.innerHTML = "";


            if (name === "" || email === "" || phone === "" || gender === "")
{
                errorMessage.innerHTML = "All fields (Name, Email, Phone,
Gender) are required.";
                return false;
```

```javascript
            }


            let emailPattern = /^[a-zA-Z0-9._-]+@[a-zA-Z0-9.-]+\.[a-zA-
Z]{2,6}$/;
            if (!email.match(emailPattern)) {
                errorMessage.innerHTML = "Please enter a valid email
address.";
                return false;
            }


            let phonePattern = /^\d{3}\d{3}\d{4}$/;
            if (!phone.match(phonePattern)) {
                errorMessage.innerHTML = "Please enter a valid phone number
(e.g., 123-456-7890).";
                return false;
            }


            successMessage.innerHTML = "Form Submitted Successfully!";
            return false;
        }
    </script>

</body>
</html>
```