

# AI23431 – WEB TECHNOLOGY & MOBILE APPLICATIONS

## PROJECT 2 – VALIDATION FORM USING JAVASCRIPT

**QUESTION :** WRITE A PROGRAM USING THE JAVASCRIPT TO CREATE A REGISTRATION OR VALIDATION FORM.

**CONSTRAINTS :** IF ANY MISSING FIELD OCCURS , SHOW DROPDOWN NOTIFICATION WHICH SHOWS “**PLEASE FILL OUT THIS FIELD**”

### HTML CODE

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Registration</title>

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

</head>

<body>

    <div class="form-container">

        <h2>Registration Form</h2>

        <form action="" method="post">

            <label for="first-name">First name:</label>

            <input type="text" id="first-name" name="first-name" required>


            <label for="last-name">Last name:</label>

            <input type="text" id="last-name" name="last-name" required>
```

```
<label for="email">E-mail:</label>

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


<label for="password">Password:</label>

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


<label for="age">Age:</label>

<input type="number" id="age" name="age" required>


<label for="phone">Contact number:</label>

<input type="tel" id="phone" name="phone" required>


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

</form>

</div>

</body>

</html>
```

## CSS CODE

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #e0f7fa;
  display: flex;
  justify-content: center;
  align-items: center;
```

```
    height: 100vh;
}

.form-container {
    background-color: #ffffff;
    padding: 35px;
    border-radius: 10px;
    box-shadow: 0 8px 16px rgba(0, 0, 0, 0.15);
    width: 100%;
    max-width: 420px;
    text-align: center;
}

h2 {
    margin-bottom: 25px;
    color: #006064;
}

label {
    display: block;
    margin: 12px 0 6px;
    text-align: left;
    color: #004d40;
    font-weight: 500;
}

input {
    width: 100%;
    padding: 10px;
    margin-bottom: 16px;
    border: 1px solid #b2dfdb;
    border-radius: 6px;
    font-size: 15px;
    background-color: #e0f2f1;
    box-shadow: inset 1px 1px 3px rgba(0, 0, 0, 0.05);
}

button {
    padding: 12px;
    background-color: #00838f;
    color: #ffffff;
    border: none;
    border-radius: 6px;
    font-size: 16px;
    width: 100%;
    margin-top: 10px;
    transition: background-color 0.3s ease;
```

```

        box-shadow: 0 4px 6px rgba(0, 131, 143, 0.3);
    }

    button:hover {
        background-color: #006064;
    }

```

## JAVASCRIPT CODE

```

document.getElementById("registrationForm").addEventListener("submit",
function(event) {    event.preventDefault(); // Prevent form
submission

    // Collecting form data
    const firstName = document.getElementById("first-name").value;
const lastName = document.getElementById("last-name").value;
const email = document.getElementById("email").value;    const
password = document.getElementById("password").value;    const
age = document.getElementById("age").value;    const phone =
document.getElementById("phone").value;

    // Validate form data (basic validation for non-empty fields)  if
(firstName && lastName && email && password && age && phone) {
const message = `
        <h3>Registration Successful</h3>
        <p>Name: ${firstName} ${lastName}</p>
        <p>Email: ${email}</p>
<p>Age: ${age}</p>
        <p>Phone: ${phone}</p>
    `;    document.getElementById("form-message").innerHTML = message;
} else {    document.getElementById("form-message").innerHTML = "<p
style='color:
red;'>Please fill in all fields.</p>";
    }
});

```

## OUTPUT SCREENSHOTS

### Registration Form

First name:

Last name:

E-mail:

Password:

Age:

Contact number:

Submit

