**REACT ASSIGNMENT 4**

**REGISTRATION FORM**

**RegistrationForm.js**

import React, { useState } from 'react';

import './RegistrationForm.css';

function RegistrationForm() {

  const [formData, setFormData] = useState({

    name: '',

    email: '',

    password: '',

    gender: '',

    skills: [],

    country: ''

  });

  const [submittedData, setSubmittedData] = useState(null);

  const handleChange = (e) => {

    const { name, value, type, checked } = e.target;

    if (type === 'checkbox') {

      const updatedSkills = checked

        ? [...formData.skills, value]

        : formData.skills.filter(skill => skill !== value);

      setFormData({ ...formData, skills: updatedSkills });

    } else {

      setFormData({ ...formData, [name]: value });

    }

  };

  const handleSubmit = (e) => {

    e.preventDefault();

    setSubmittedData(formData);

  };

  return (

    <div className="form-container">

      <h2>Registration Form</h2>

      <form onSubmit={handleSubmit}>

        <label>Name:

          <input type="text" name="name" value={formData.name} onChange={handleChange} required />

        </label>

        <label>Email:

          <input type="email" name="email" value={formData.email} onChange={handleChange} required />

        </label>

        <label>Password:

          <input type="password" name="password" value={formData.password} onChange={handleChange} required />

        </label>

        <label>Gender:</label>

        <div className="radio-group">

          <label><input type="radio" name="gender" value="Male" onChange={handleChange} /> Male</label>

          <label><input type="radio" name="gender" value="Female" onChange={handleChange} /> Female</label>

        </div>

        <label>Skills:</label>

        <div className="checkbox-group">

          <label><input type="checkbox" name="skills" value="HTML" onChange={handleChange} /> HTML</label>

          <label><input type="checkbox" name="skills" value="CSS" onChange={handleChange} /> CSS</label>

          <label><input type="checkbox" name="skills" value="JavaScript" onChange={handleChange} /> JavaScript</label>

          <label><input type="checkbox" name="skills" value="JAVA" onChange={handleChange} /> JAVA</label>

          <label><input type="checkbox" name="skills" value="PYTHON" onChange={handleChange} /> PYTHON</label>

        </div>

        <label>Country:

          <select name="country" value={formData.country} onChange={handleChange} required>

            <option value="">-- Select Country --</option>

            <option value="India">India</option>

            <option value="USA">USA</option>

            <option value="Germany">Germany</option>

            <option value="Australia">Australia</option>

            <option value="Bhutan">Bhutan</option>

          </select>

        </label>

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

      </form>

      {submittedData && (

        <div className="output">

          <h3>User Info</h3>

          <p><strong>Name:</strong> {submittedData.name}</p>

          <p><strong>Email:</strong> {submittedData.email}</p>

          <p><strong>Gender:</strong> {submittedData.gender}</p>

          <p><strong>Skills:</strong> {submittedData.skills.join(', ')}</p>

          <p><strong>Country:</strong> {submittedData.country}</p>

        </div>

      )}

    </div>

  );

}

export default RegistrationForm;

RegistrationForm.css

.form-container {

  max-width: 500px;

  margin: 30px auto;

  padding: 20px;

  background-color: #fefefe;

  border: 1px solid #ddd;

  border-radius: 8px;

}

h2 {

  text-align: center;

  color: #333;

}

label {

  display: block;

  margin-bottom: 10px;

  color: #555;

}

input[type="text"],

input[type="email"],

input[type="password"],

select {

  width: 100%;

  padding: 8px;

  margin-top: 4px;

  margin-bottom: 15px;

  border: 1px solid #ccc;

  border-radius: 4px;

}

.radio-group,

.checkbox-group {

  margin-bottom: 15px;

}

button {

  width: 100%;

  padding: 10px;

  background-color: #2e86de;

  color: white;

  border: none;

  border-radius: 4px;

  cursor: pointer;

}

button:hover {

  background-color: #1b4f72;

}

.output {

  margin-top: 30px;

  padding: 15px;

  border-top: 1px solid #ccc;

}

App.js

import React from 'react';

import './App.css';

import RegistrationForm from './components/RegistrationForm';

function App() {

  return (

    <div className="App">

      <RegistrationForm />

    </div>

  );

}

export default App;