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import React, { useState } from 'react';

const UserRegistrationForm = () => {
  const [form, setForm] = useState({
    firstName: '',
    lastName: '',
    email: '',
    password: '',
    confirmPassword: '',
  });

  const [errors, setErrors] = useState({});
  const [success, setSuccess] = useState('');

  const validate = () => {
    const newErrors = {};
    if (!form.firstName) newErrors.firstName = 'First name is required';
    if (!form.lastName) newErrors.lastName = 'Last name is required';
    if (!/\S+@\S+\.\S+/.test(form.email)) newErrors.email = 'Invalid email';
    if (form.password.length < 6) newErrors.password = 'Minimum 6 characters';
    if (form.password !== form.confirmPassword) newErrors.confirmPassword =
'Passwords do not match';
    return newErrors;
  };

  const handleSubmit = (e) => {
    e.preventDefault();
    const validationErrors = validate();
    if (Object.keys(validationErrors).length === 0) {
      setSuccess('Registration successful!');
      setErrors({});
      setForm({ firstName: '', lastName: '', email: '', password: '',
confirmPassword: '' });
    } else {
      setErrors(validationErrors);
      setSuccess('');
    }
  };

  const handleChange = (e) => {
    setForm({ ...form, [e.target.name]: e.target.value });
  };

  return (
    <div className="container my-4">
      <h3>User Registration</h3>
      <form onSubmit={handleSubmit} className="p-4 border rounded bg-light">
        <div className="mb-3">

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        <input type="text" name="firstName" className="form-control"
placeholder="First Name" value={form.firstName} onChange={handleChange} />
        {errors.firstName && <div className="text-
danger">{errors.firstName}</div>}
    </div>

    <div className="mb-3">
        <input type="text" name="lastName" className="form-control"
placeholder="Last Name" value={form.lastName} onChange={handleChange} />
        {errors.lastName && <div className="text-
danger">{errors.lastName}</div>}
    </div>

    <div className="mb-3">
        <input type="email" name="email" className="form-control"
placeholder="Email" value={form.email} onChange={handleChange} />
        {errors.email && <div className="text-danger">{errors.email}</div>}
    </div>

    <div className="mb-3">
        <input type="password" name="password" className="form-control"
placeholder="Password" value={form.password} onChange={handleChange} />
        {errors.password && <div className="text-
danger">{errors.password}</div>}
    </div>

    <div className="mb-3">
        <input type="password" name="confirmPassword" className="form-
control" placeholder="Confirm Password" value={form.confirmPassword}
onChange={handleChange} />
        {errors.confirmPassword && <div className="text-
danger">{errors.confirmPassword}</div>}
    </div>

    <button type="submit" className="btn btn-primary">Register</button>
    {success && <div className="alert alert-success mt-3">{success}</div>}
</form>
</div>
);
};

export default UserRegistrationForm;

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import React, { useState } from 'react';

const BookingForm = () => {
  const [form, setForm] = useState({
    fullName: '',
    email: '',
    phone: '',
    date: '',
    time: ''
  });

  const [errors, setErrors] = useState({});
  const [success, setSuccess] = useState('');

  const validate = () => {
    const newErrors = {};
    if (!form.fullName) newErrors.fullName = 'Full name is required';
    if (!/^\S+@\S+\.\S+/.test(form.email)) newErrors.email = 'Invalid email';
    if (!/^\d{10}$/.test(form.phone)) newErrors.phone = 'Phone must be 10
digits';
    if (!form.date) newErrors.date = 'Select a date';
    if (!form.time) newErrors.time = 'Select a time';
    return newErrors;
  };

  const handleSubmit = (e) => {
    e.preventDefault();
    const validationErrors = validate();
    if (Object.keys(validationErrors).length === 0) {
      setSuccess('Appointment booked successfully!');
      setErrors({});
      setForm({ fullName: '', email: '', phone: '', date: '', time: '' });
    } else {
      setErrors(validationErrors);
      setSuccess('');
    }
  };

  const handleChange = (e) => {
    setForm({ ...form, [e.target.name]: e.target.value });
  };

  return (
    <div className="container my-4">
      <h3>Book an Appointment</h3>
      <form onSubmit={handleSubmit} className="p-4 border rounded bg-light">
        <div className="mb-3">

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        <input type="text" name="fullName" className="form-control"
placeholder="Full Name" value={form.fullName} onChange={handleChange} />
        {errors.fullName && <div className="text-
danger">{errors.fullName}</div>}
    </div>

    <div className="mb-3">
        <input type="email" name="email" className="form-control"
placeholder="Email" value={form.email} onChange={handleChange} />
        {errors.email && <div className="text-danger">{errors.email}</div>}
    </div>

    <div className="mb-3">
        <input type="tel" name="phone" className="form-control"
placeholder="Phone Number" value={form.phone} onChange={handleChange} />
        {errors.phone && <div className="text-danger">{errors.phone}</div>}
    </div>

    <div className="mb-3">
        <input type="date" name="date" className="form-control"
value={form.date} onChange={handleChange} />
        {errors.date && <div className="text-danger">{errors.date}</div>}
    </div>

    <div className="mb-3">
        <input type="time" name="time" className="form-control"
value={form.time} onChange={handleChange} />
        {errors.time && <div className="text-danger">{errors.time}</div>}
    </div>

    <button type="submit" className="btn btn-success">Book</button>
    {success && <div className="alert alert-success mt-3">{success}</div>}
</form>
</div>
);
};

export default BookingForm;

```

