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IoT A

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Web Tech Lab 5

Simple React UI

USERTABLE.JSX

```jsx
import React from 'react';
import './usertable.css';
function UserTable({ users }) {
  return (
    <table className="user-table">
      <thead>
        <tr>
          <th>Name</th>
          <th>Class</th>
          <th>Age</th>
          <th>Hobbies</th>
        </tr>
      </thead>
      <tbody>
        {users.map((user, index) => (
          <tr key={index} className="user-row">
            <td>{user.name}</td>
            <td>{user.className}</td>
            <td>{user.age}</td>
            <td>{user.hobbies}</td>
          </tr>
        ))}
      </tbody>
    </table>
  );
}

export default UserTable
```

USERFORM.JSX

```jsx
import React, { useState } from 'react';

function UserForm({ onSubmit }) {
  const [formData, setFormData] = useState({
    name: '',
```

```
    className: '',
    age: '',
    hobbies: '',
  });

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

  const handleSubmit = (e) => {
    e.preventDefault();
    onSubmit(formData);
    setFormData({
      name: '',
      className: '',
      age: '',
      hobbies: '',
    });
  };

  return (
    <form onSubmit={handleSubmit}>
      <label>
        Name:
        <input
          type="text"
          name="name"
          value={formData.name}
          onChange={handleChange}
        />
      </label>
      <br />
      <label>
        Class:
        <input
          type="text"
          name="className"
          value={formData.className}
          onChange={handleChange}
        />
      </label>
      <br />
      <label>
        Age:
        <input
          type="number"
          name="age"
```

```jsx
          value={formData.age}
          onChange={handleChange}
        />
      </label>
      <br />
      <label>
        Hobbies:
        <input
          type="text"
          name="hobbies"
          value={formData.hobbies}
          onChange={handleChange}
        />
      </label>
      <br />
      <button type="submit">Submit</button>
    </form>
  );
}

export default UserForm;
```

USERTABLE.CSS

```css
table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
    border: 1px solid #ddd; /* Add a border to the table */
  }

  th, td {
    padding: 10px;
    text-align: left;
    border-bottom: 1px solid #ddd; /* Add a bottom border to table headers and
cells */
    border-right: 1px solid #ddd; /* Add a right border to table headers and
cells */
  }

  th {
    background-color: #f2f2f2;
  }

  tr:hover {
    background-color: #f5f5f5;
  }
```

OUTPUT:

User Data Table

Name: [_____]
Class: [_____]
Age: [_____]
Hobbies: [_____]
[Submit]

Name	Class	Age	Hobbies
varun	12	18	gaming
Aditi	12	17	studying