

```
1 import React, { useState } from 'react'
2
3 const ContactManeger = () => {
4     const [contact, setContact] = useState([]);
5     const [form, setForm] = useState({name: "", email: "", phone: ""})
6     const [search, setSearch] = useState("");
7
8     const handleNameChange = (e)=> {
9         setForm((prev)=> ({...prev, name : e.target.value}))
10    };
11    const handleEmailChange = (e) => {
12        setForm((prev)=>({...prev, email: e.target.value}))
13    };
14    const handlePhoneChange = (e) => {
15        setForm((prev) => ({...prev, phone: e.target.value}))
16    };
17
18
19    const handleSubmit = (e) => {
20        e.preventDefault();
21        if (!form.name || !form.email || !form.phone)
22            return alert("Fill all fields")
23
24        const newContact = {id: Date.now(), ...form}
25
26        setContact((prev)=> [...prev, newContact]);
27        setForm({name: "", email: "", phone: ""})
28    };
29
30
31    const handleDelete =(id) => {
32        setContact((prev)=> prev.filter((c) =>c.id !== id))
33    };
34
35    const filteredContacts = contact.filter((contact) =>
36    contact.name.toLowerCase().includes(search.toLowerCase())
37);
38
39    return (
40        <div className='max-w-xl mx-auto mt-10 p-6 border border-gray-400 rounded-xl shadow-sm font-sans'>
41            <h2 className='text-2xl font-bold mb-6 text-center text-gray-600'>Contact Manager</h2>
42
43            <form onSubmit={handleSubmit} className='flex flex-col gap-4 mb-6'>
44                <input
45                    type="text"
46                    name="name"
47                    placeholder="Name"
```

```
48     value={form.name}
49     onChange={handleNameChange}
50     className='p-3 border rounded-md text-base'
51   />
52
53   <input
54     type="email"
55     name="email"
56     placeholder="Email"
57     value={form.email}
58     onChange={handleEmailChange}
59     className='p-3 border rounded-md text-base'
60   />
61
62   <input
63     type="tel"
64     name="phone"
65     placeholder="Phone"
66     value={form.phone}
67     onChange={handlePhoneChange}
68     className='p-3 border rounded-md text-base'
69   />
70
71   <button
72     type='submit'
73     className='bg-blue-600 text-white py-2 px-4 rounded-md hover:bg-blue-700
transition'
74     >
75     Add Contact
76   </button>
77 </form>
78
79   <input
80     type="text"
81     placeholder='Search by name...'
82     value={search}
83     onChange={(e) => setSearch(e.target.value)}
84     className='p-3 border rounded-md w-full mb-4'
85   />
86
87   <ul className='divide-y'>
88     {filteredContacts.length === 0 ? (
89       <p className='text-gray-500 text-center'>No contact found..</p>
90     ) : (
91       filteredContacts.map((contact) => (
92         <li key={contact.id} className='flex justify-between items-center py-3'>
93           <div>
94             <p className='font-semibold'>{contact.name}</p>
95             <p className='text-gray-600'>{contact.email}</p>
```

```
96          <p className='text-gray-600'>{contact.phone}</p>
97      </div>
98      <button
99          onClick={() => handleDelete(contact.id)}
100         className='bg-red-500 text-white px-3 py-1 rounded hover:bg-red-600
transition'
101        >
102            Delete
103        </button>
104    </li>
105    ))
106  })
107 </ul>
108 </div>
109 )
110 }
111
112 export default ContactManeger
```