

```
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 handleChange = (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
```