

src\App.js

```
1 import { useEffect, useState } from "react";
2 import "./App.css";
3 import { db } from "../firebase/firebase";
4 import { addDoc, collection, deleteDoc, doc, getDocs, updateDoc } from "
  firebase/firestore";
5
6 function App() {
7
8   const [ name , setName ] = useState("");
9   const [ age , setAge ] = useState("");
10  const [users, setUsers ] = useState([]);
11
12  const userCollection = collection(db, "users");
13
14  const createUser = async () => {
15
16    const user = await addDoc( userCollection, {
17      name: name,
18      age:age
19    });
20
21    console.log(user);
22
23  }
24
25  const getUser = async () => {
26
27    const data = await getDocs(userCollection);
28    console.log("data", data);
29
30    setUsers(data.docs.map( (doc) =>({
31      {
32        ... doc.data(),
33        id:doc.id
34      }
35    })));
36
37  }
38
39  useEffect( () => {
40
41    getUser();
42    console.log("users", users);
43
44  },[users]);
45
46  const increaseAge = async(id, age) => {
47
48    const userDoc = doc( db , "users" , id);
49    console.log('update user', userDoc);
50
51    const increaseage = {age: Number(age)+1};
52
53    const updateUser = await updateDoc(userDoc, increaseage);
54
55  }
56
```

```

57   const DeleteUser = async(id, age) => {
58
59       const userDoc = doc( db , "users" , id);
60       console.log('delete user', userDoc);
61
62       const deleteuser = await deleteDoc(userDoc);
63       console.log(deleteuser);
64   }
65
66   return (
67       <div className=" flex gap-10 flex-col justify-center items-center">
68
69           <input type="text"
70               placeholder="Name ... "
71               value={name}
72               onChange={(e) => {
73                   setName(e.target.value)
74               }}
75           />
76           <input type="number"
77               placeholder="Age ... "
78               value={age}
79               onChange={(e)=>{
80                   setAge(e.target.value)
81               }}
82           />
83
84           <button
85               onClick={()=>{
86                   createUser();
87               }}>
88               Create User
89           </button>
90
91           <div className="">
92               {
93                   users.map(( user) => (
94                       <div className="" key={user.id}>
95                           <span>{user.name}</span>
96                           <span className="ml-3">{user.age}</span>
97
98                           <button
99                               onClick={() =>{
100                                   increaseAge(user.id, user.age);
101                               }} className=" ml-5">
102                               Increae Age
103                           </button>
104
105                           <button
106                               onClick={() =>{
107                                   DeleteUser(user.id);
108                               }} className=" ml-5">
109                                   Delete User
110                           </button>
111
112                       </div>
113                   ))
114               }
115           </div>
116

```

```
117     </div>
118   );
119 }
120
121 export default App;
122
```