

```
import React, { useState } from "react";
import { Button, Container, Row, Col } from 'react-bootstrap';
import '../node_modules/bootstrap/dist/css/bootstrap.min.css';
import { contract } from "../connector";
```

```
function Home() {
  const [Id, setId] = useState("");
  const [name, setName] = useState("");
  const [pAddr, setpAddr] = useState("");
  const [disease, setdisease] = useState("");
  const [contact, setContact] = useState("");
  const [recordId, setrecordId] = useState("");
  const [newOwner, setNewOwner] = useState("");
  const [recordIdData, setrecordIdData] = useState("");
  const [Data, setData] = useState("");
  const [Wallet, setWallet] = useState("");
```

```
  const handleId = (e) => {
    setId(e.target.value)
  }
```

```
  const handleName = (e) => {
    setName(e.target.value)
  }
```

```
  const handlePatientAddress = (e) => {
    setpAddr(e.target.value)
  }
```

```
  const handleDisease = (e) => {
    setdisease(e.target.value)
  }
```

```
  const handleContact = (e) => {
```

```

    setContact(e.target.value)
  }

  const handleCreateRecord = async() => {
    try {
      let tx = await contract.createRecord(Id, name, pAddr, disease,
contact)
      let wait = await tx.wait()
      alert(wait)
      console.log(wait.transactionHash);
    } catch (error) {
      alert(error)
    }
  }

  const handleRecordId = (e) => {
    setrecordId(e.target.value)
  }

  const handleNewOwner = (e) => {
    setNewOwner(e.target.value)
  }

  const handleTransferRecord = async () => {
    try {
      let tx = await
contract.transferRecord(recordId.toString(),newOwner)
      let wait = await tx.wait()
      alert(wait.transactionHash)
      console.log(wait);
    } catch (error) {
      alert(error)
    }
  }

  const handleRecordDataId = (e) => {

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    setrecordIdData(e.target.value)
  }

const handleRecordData = async () => {
  try {
    let tx = await contract.getRecordData(recordIdData)
    let arr = []
    tx.map(e => arr.push(e))
    setData(arr)
    // alert(tx)
    console.log(tx);

  } catch (error) {
    alert(error)
  }
}

const handleWallet = async () => {
  if (!window.ethereum) {
    return alert('please install metamask');
  }

  const addr = await window.ethereum.request({
    method: 'eth_requestAccounts',
  });

  setWallet(addr[0])

}

return (
  <div>
    <h1 style={{ marginTop: "30px", marginBottom: "80px" }}>Health
    Records Using Blockchain</h1>
    {!Wallet ?

```

```

        <Button onClick={handleWallet} style={{ marginTop: "30px",
marginBottom: "50px" }}>Connect Wallet </Button>

        :

        <p style={{ width: "250px", height: "50px", margin: "auto",
marginBottom: "50px", border: '2px solid #2096f3' }}>{Wallet.slice(0,
6)}...{Wallet.slice(-6)}</p>
    }
    <Container style={{ margin:"Auto" }}>
        <Row >
            <Col>
                <div>

                    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleId} type="number" placeholder="Enter Record Id"
value={Id} /> <br />

                    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleName} type="string" placeholder="Enter name"
value={name} /> <br />

                    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handlePatientAddress} type="string" placeholder="Enter
patient Address" value={pAddr} /><br />

                    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleDisease} type="string" placeholder="Enter disease"
value={disease} /><br />

                    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleContact} type="string" placeholder="Enter contact
Info" value={contact} /><br />

                    <Button onClick={handleCreateRecord} style={{ marginTop:
"10px" }} variant="primary">Create Record</Button>
                </div>
            </Col>
            <Col>

```

```

        <div>
            <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleRecordId} type="number" placeholder="Enter new record
Id" value={recordId} /><br />
            <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleNewOwner} type="string" placeholder="Enter new owner
metamask address" value={newOwner} /><br />
            <Button onClick={handleTransferRecord} style={{ marginTop:
"10px" }} variant="primary">Transfer Record</Button>

        </div>
    </Col>
</Row>
    <Col>
        <Row style={{marginTop:"100px"}}>

            <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleRecordDataId} type="string" placeholder="Enter Id"
value={recordIdData} /><br />

            <Button onClick={handleRecordData} style={{ marginTop: "10px"
}} variant="primary">Get Record Data</Button>
            {Data? Data?.map(e => {
                return <p>
                    {e.toString()}
                </p>
            }
            ) : <p></p>}
        </Row>
    </Col>
</Container>

</div>
)
}

```

```
export default Home;
```