

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

```
function Home() {
  const [Id, setId] = useState("");
  const [DrugName, setDrugName] = useState("");
  const [Manufacturer, setManufacturer] = useState("");
  const [date, setDate] = useState("");
  const [TranId, setTranId] = useState("");
  const [Owner, setOwner] = useState("");
  const [BookId, setBookId] = useState("");
  const [BookDet, setBookDet] = useState("");
  const [Wallet, setWallet] = useState("");
```

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

```
  const handleDrugName = (e) => {
    setDrugName(e.target.value)
  }
```

```
  const handleManufacturer = (e) => {
    setManufacturer(e.target.value)
  }
```

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

```
    setDate(e.target.value)
  }
```

```
const handleDrugManufacture = async () => {
  try {
    let tx = await contract.manufactureDrug(Id.toString(), DrugName, Manufacturer, date)
    let wait = await tx.wait()
    alert(wait.transactionHash)
  } catch (error) {
    alert(error)
  }
}
```

```
const handleDrugId = (e) => {
  setTranId(e.target.value)
}
```

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

```
const handleTransfer = async () => {
  try {
    let tx = await contract.transferDrugOwnership(TranId.toString(), Owner)
    let wait = await tx.wait()
    console.log(wait);
    alert(wait.transactionHash)
  } catch (error) {
    alert(error)
  }
}
```

```
const handleDrugDetailId = (e) => {  
  setBookId(e.target.value)  
}
```

```
const handleDrugDetails = async () => {  
  try {  
    let tx = await contract.getDrugDetails(BookId.toString())  
  
    let arr = []  
    tx.map(e => {  
      arr.push(e)  
    })  
  
    console.log(tx);  
    setBookDet(arr)  
  } catch (error) {  
    alert(error)  
    console.log(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" }}>Drug Tracking 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>
      <Row>
        <Col style={{marginRight:"100px"}}>
          <div>

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

            <input style={{ marginTop: "10px", borderRadius: "5px" }} onChange={handleDrugName}
            type="string" placeholder="Enter drug Name" value={DrugName} /> <br />

            <input style={{ marginTop: "10px", borderRadius: "5px" }}
            onChange={handleManufacturer} type="string" placeholder="Enter Drug manufacturer"
            value={Manufacturer} /><br />

            <input style={{ marginTop: "10px", borderRadius: "5px" }} onChange={handleDate}
            type="number" placeholder="Enter Drug manufacturing date" value={date} /><br />

```

```
        <Button onClick={handleDrugManufacture} style={{ marginTop: "10px" }}
variant="primary">Manufacture Drug</Button>
```

```
    </div>
```

```
</Col>
```

```
<Col>
```

```
    <div>
```

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

```
        <input style={{ marginTop: "10px", borderRadius: "5px" }} onChange={handleNewOwner}
type="string" placeholder="Enter metamask address" value={Owner} /><br />
```

```
        <Button onClick={handleTransfer} style={{ marginTop: "10px" }}
variant="primary">Transfer Drug ownership</Button>
```

```
    </div>
```

```
</Col>
```

```
</Row>
```

```
<Row style={{marginTop:"100px"}}>
```

```
<Col >
```

```
    <div style={{ margin:"auto" }}>
```

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

```
        <Button onClick={handleDrugDetails} style={{ marginTop: "10px" }} variant="primary">Get Drug
Details</Button>
```

```
        {BookDet ? BookDet?.map(e => {
```

```
            return <p>{e.toString()}</p>
```

```
        }) : <p></p>}
```

```
    </div>
```

```
</Col>
```

```
</Row>
```

```
</Container>
```

```
</div>
```

```
)
```

```
}
```

```
export default Home;
```