

```
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 [Name, setName] = useState("");
  const [Desc, setDesc] = useState("");
  const [Qty, setQty] = useState("");

  const [Ids, setIds] = useState("");
  const [Names, setNames] = useState("");
  const [Descs, setDescs] = useState("");
  const [Qtys, setQtys] = useState("");
  const [Wallet, setWallet] = useState("");

  const [gId, setGIds] = useState("");
  const [Details, setDetails] = useState("");

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

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

  const handleDesc = (e) => {
    setDesc(e.target.value)
  }

  const handleQty = (e) => {
    setQty(e.target.value)
  }
}
```

```
const handleAddProduct = async () => {
  try {
    let tx = await contract.addProduct(Id.toString(), Name, Desc, Qty)
    let wait = await tx.wait()
    alert(wait.transactionHash)
    console.log(wait);
  } catch (error) {
    alert(error)
  }
}

const handleIds = (e) => {
  setIds(e.target.value)
}

const handleNames = (e) => {
  setNames(e.target.value)
}

const handleDescs = (e) => {
  setDescs(e.target.value)
}

const handleQtys = (e) => {
  setQtys(e.target.value)
}

const handleUpdate = async () => {
  try {
    let tx = await contract.updateProduct(Ids.toString(), Names, Descs, Qtys)
    let wait = await tx.wait()
    console.log(wait);
    alert(wait.transactionHash)
  } catch (error) {
    alert(error)
  }
}
```

```

const handleGetIds = async (e) => {
  setGIds(e.target.value)
}

const handleGetDetails = async () => {
  try {
    let tx = await contract.getProductDetails(gId.toString())

    let arr = []
    tx.map(e => {
      arr.push(e)
    })

    console.log(tx);
    setDetails(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" }}>Agriculture Registry</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="Product Id" value={Id} /> <br />
    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleName} type="string" placeholder="Product Name" value={Name} /> <br
/>
    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleDesc} type="string" placeholder="product description" value={Desc}
/> <br />
    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleQty} type="number" placeholder="product quantity" value={Qty} /> <br
/>

    <Button onClick={handleAddProduct} style={{ marginTop: "10px" }}
variant="primary"> Add Product</Button>
    </div>
    </Col>

    <Col style={{ marginRight: "100px" }}>
    <div>
    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleIds} type="number" placeholder="Product Id" value={Ids} /> <br />
    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleNames} type="string" placeholder="Product Name" value={Names} /> <br
/>
    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleDescs} type="string" placeholder="product description" value={Descs}
/> <br />
    <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleQtys} type="number" placeholder="product quantity" value={Qtys} />
<br />

    <Button onClick={handleUpdate} style={{ marginTop: "10px" }}
variant="primary"> Update Product</Button>
    </div>
    </Col>

    </Row>
    <Row>
    <Col >

```

```

        <div style={{ margin: "auto" , marginTop:"100px"}}>
            <input style={{ marginTop: "10px", borderRadius: "5px" }}
onChange={handleGetIds} type="number" placeholder="Enter  Id" value={gId} /><br />

            <Button onClick={handleGetDetails} style={{ marginTop: "10px" }}
variant="primary">Get Product Details</Button>
            {Details ? Details?.map(e => {
                return <p>{e.toString()}</p>
            }) : <p></p>}
        </div>
    </Col>

</Row>
</Container>

</div>
)
}

export default Home;

```