```javascript
const { ethers } = require("ethers");

const abi = [
 {
  "anonymous": false,
  "inputs": [
   {
    "indexed": false,
    "internalType": "uint256",
    "name": "productId",
    "type": "uint256"
   },
   {
    "indexed": false,
    "internalType": "string",
    "name": "name",
    "type": "string"
   },
   {
    "indexed": false,
    "internalType": "string",
    "name": "description",
    "type": "string"
   },
   {
    "indexed": false,
    "internalType": "uint256",
    "name": "quantity",
    "type": "uint256"
   },
   {
    "indexed": false,
    "internalType": "address",
    "name": "owner",
    "type": "address"
   }
  ],
  "name": "ProductAdded",
  "type": "event"
 },
 {
  "anonymous": false,
```

```json
    "inputs": [
      {
        "indexed": false,
        "internalType": "uint256",
        "name": "productId",
        "type": "uint256"
      },
      {
        "indexed": false,
        "internalType": "string",
        "name": "name",
        "type": "string"
      },
      {
        "indexed": false,
        "internalType": "string",
        "name": "description",
        "type": "string"
      },
      {
        "indexed": false,
        "internalType": "uint256",
        "name": "quantity",
        "type": "uint256"
      }
    ],
    "name": "ProductUpdated",
    "type": "event"
  },
  {
    "inputs": [
      {
        "internalType": "uint256",
        "name": "ProductId",
        "type": "uint256"
      },
      {
        "internalType": "string",
        "name": "_name",
        "type": "string"
      },
      {
```

```json
      "internalType": "string",
      "name": "_description",
      "type": "string"
    },
    {
      "internalType": "uint256",
      "name": "_quantity",
      "type": "uint256"
    }
  ],
  "name": "addProduct",
  "outputs": [],
  "stateMutability": "nonpayable",
  "type": "function"
},
{
  "inputs": [
    {
      "internalType": "uint256",
      "name": "_productId",
      "type": "uint256"
    }
  ],
  "name": "getProductDetails",
  "outputs": [
    {
      "internalType": "string",
      "name": "name",
      "type": "string"
    },
    {
      "internalType": "string",
      "name": "description",
      "type": "string"
    },
    {
      "internalType": "uint256",
      "name": "quantity",
      "type": "uint256"
    },
    {
      "internalType": "address",
```

```json
      "name": "owner",
      "type": "address"
     }
    ],
    "stateMutability": "view",
    "type": "function"
   },
   {
    "inputs": [],
    "name": "productCount",
    "outputs": [
     {
      "internalType": "uint256",
      "name": "",
      "type": "uint256"
     }
    ],
    "stateMutability": "view",
    "type": "function"
   },
   {
    "inputs": [
     {
      "internalType": "uint256",
      "name": "",
      "type": "uint256"
     }
    ],
    "name": "products",
    "outputs": [
     {
      "internalType": "string",
      "name": "name",
      "type": "string"
     },
     {
      "internalType": "string",
      "name": "description",
      "type": "string"
     },
     {
      "internalType": "uint256",
```

```json
      "name": "quantity",
      "type": "uint256"
     },
     {
      "internalType": "address",
      "name": "owner",
      "type": "address"
     }
    ],
    "stateMutability": "view",
    "type": "function"
   },
   {
    "inputs": [
     {
      "internalType": "uint256",
      "name": "_productId",
      "type": "uint256"
     },
     {
      "internalType": "string",
      "name": "_name",
      "type": "string"
     },
     {
      "internalType": "string",
      "name": "_description",
      "type": "string"
     },
     {
      "internalType": "uint256",
      "name": "_quantity",
      "type": "uint256"
     }
    ],
    "name": "updateProduct",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
   }
  ]
```

```
if (!window.ethereum) {
 alert('Meta Mask Not Found')
 window.open("https://metamask.io/download/")
}

export const provider = new ethers.providers.Web3Provider(window.ethereum);
export const signer = provider.getSigner();
export const address = "0xF8e8C778C2C1B8D54BE75b01Dfd53aCDa43533B0"

export const contract = new ethers.Contract(address, abi, signer)
```