IMPLEMENTATION OF SMART CONTRACT

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

const abi = [
  {
    "inputs": [
      {
        "internalType": "string",
        "name": "itemId",
        "type": "string"
      }
    ],
    "name": "consumeFoodItem",
    "outputs": [],
    "stateMutability": "nonpayable",
    "type": "function"
  },
  {
    "inputs": [],
    "stateMutability": "nonpayable",
    "type": "constructor"
  },
  {
    "anonymous": false,
    "inputs": [
      {
        "indexed": true,
        "internalType": "string",
        "name": "itemId",
        "type": "string"
      }
    ],
    "name": "FoodItemConsumed",
    "type": "event"
```

```javascript
    "type": "event"
  },
  {
    "anonymous": false,
    "inputs": [
      {
        "indexed": true,
        "internalType": "string",
        "name": "itemId",
        "type": "string"
      },
      {
        "indexed": false,
        "internalType": "string",
        "name": "productName",
        "type": "string"
      },
      {
        "indexed": false,
        "internalType": "string",
        "name": "origin",
        "type": "string"
      },
      {
        "indexed": false,
        "internalType": "uint256",
        "name": "sentTimestamp",
        "type": "uint256"
      }
    ],
    "name": "FoodItemSent",
    "type": "event"
```

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```json
64          "type": "event"
65        },
66        {
67          "anonymous": false,
68          "inputs": [
69            {
70              "indexed": true,
71              "internalType": "string",
72              "name": "itemId",
73              "type": "string"
74            }
75          ],
76          "name": "FoodItemVerified",
77          "type": "event"
78        },
79        {
80          "inputs": [
81            {
82              "internalType": "string",
83              "name": "itemId",
84              "type": "string"
85            },
86            {
87              "internalType": "string",
88              "name": "productName",
89              "type": "string"
90            },
91            {
92              "internalType": "string",
93              "name": "origin",
94              "type": "string"
95            }
```

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Food-Tracking > food-tracking > src > Page > connector.js > contract

```json
94              "type": "string"
95            }
96          ],
97          "name": "sendFoodItem",
98          "outputs": [],
99          "stateMutability": "nonpayable",
100          "type": "function"
101        },
102        {
103          "inputs": [
104            {
105              "internalType": "string",
106              "name": "itemId",
107              "type": "string"
108            }
109          ],
110          "name": "verifyFoodItem",
111          "outputs": [],
112          "stateMutability": "nonpayable",
113          "type": "function"
114        },
115        {
116          "inputs": [
117            {
118              "internalType": "string",
119              "name": "",
120              "type": "string"
121            }
122          ],
123          "name": "foodItems",
124          "outputs": [
125            {
126              "internalType": "string",
```

Ln 212, Col 66   Spaces: 4   UTF-8   LF   {} JavaScript

```
126          "internalType": "string",
127          "name": "itemId",
128          "type": "string"
129        },
130        {
131          "internalType": "string",
132          "name": "productName",
133          "type": "string"
134        },
135        {
136          "internalType": "string",
137          "name": "origin",
138          "type": "string"
139        },
140        {
141          "internalType": "uint256",
142          "name": "sentTimestamp",
143          "type": "uint256"
144        },
145        {
146          "internalType": "enum FoodTracking.FoodStatus",
147          "name": "status",
148          "type": "uint8"
149        }
150      ],
151      "stateMutability": "view",
152      "type": "function"
153    },
154    {
155      "inputs": [
156        {
157          "internalType": "string",
```

```
157          "internalType": "string",
158          "name": "itemId",
159          "type": "string"
160        }
161      ],
162      "name": "getFoodItemDetails",
163      "outputs": [
164        {
165          "internalType": "string",
166          "name": "",
167          "type": "string"
168        },
169        {
170          "internalType": "string",
171          "name": "",
172          "type": "string"
173        },
174        {
175          "internalType": "uint256",
176          "name": "",
177          "type": "uint256"
178        },
179        {
180          "internalType": "enum FoodTracking.FoodStatus",
181          "name": "",
182          "type": "uint8"
183        }
184      ],
185      "stateMutability": "view",
186      "type": "function"
187    },
188    {
189        "inputs": []
```

```javascript
      "stateMutability": "view",
      "type": "function"
    },
    {
      "inputs": [],
      "name": "owner",
      "outputs": [
        {
          "internalType": "address",
          "name": "",
          "type": "address"
        }
      ],
      "stateMutability": "view",
      "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 = "0x95d1D247465fC4d91585f6e8d1870ae1B8544826"

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