index.html style.css index.js Run

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Smart Sorting: Rotten Fruits & Vegetables Detection</title>
    <style>
        /* Basic CSS for styling */
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
            background-color: #f4f4f4;
            color: #333;
        }
        header {
            background-color: #4CAF50;
            color: white;
            text-align: center;
            padding: 2rem;
        }
        nav {
            background-color: #333;
            padding: 1rem;
        }
        nav a {
            color: white;
            margin: 0 1rem;
            text-decoration: none;
            font-weight: bold;
        }
        nav a:hover {
            color: #4CAF50;
```

Click on "Run" to run the project

index.html style.css index.js Run

```
32  nav a:hover {
33      color: #4CAF50;
34  }
35  .container {
36      max-width: 1200px;
37      margin: 0 auto;
38      padding: 2rem;
39  }
40  .upload-section, .about-section, .results-section {
41      background-color: white;
42      padding: 2rem;
43      margin-bottom: 2rem;
44      border-radius: 8px;
45      box-shadow: 0 2px 5px rgba(0,0,0,0.1);
46  }
47  .upload-section input[type="file"] {
48      margin: 1rem 0;
49  }
50  .upload-section button {
51      background-color: #4CAF50;
52      color: white;
53      padding: 0.5rem 1rem;
54      border: none;
55      border-radius: 4px;
56      cursor: pointer;
57  }
58  .upload-section button:hover {
59      background-color: #45a049;
60  }
61  #result {
62      margin-top: 1rem;
63      font-weight: bold;
64  }
65  footer {
```

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```
        }
        footer {
            background-color: #333;
            color: white;
            text-align: center;
            padding: 1rem;
            position: fixed;
            width: 100%;
            bottom: 0;
        }
        @media (max-width: 768px) {
            .container {
                padding: 1rem;
            }
            nav a {
                display: block;
                margin: 0.5rem 0;
            }
        }
    </style>
</head>
<body>
    <header>
        <h1>Smart Sorting: Rotten Fruits & Vegetables Detection</h1>
        <p>Using Transfer Learning to Identify Fresh vs. Rotten Produce</p>
    </header>

    <nav>
        <a href="#home">Home</a>
        <a href="#upload">Upload Image</a>
        <a href="#about">About</a>
        <a href="#contact">Contact</a>
    </nav>

    <div class="container">
```

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```
97
98      <div class="container">
99          <!-- Upload Section -->
100         <section id="upload" class="upload-section">
101             <h2>Upload an Image</h2>
102             <p>Select an image of a fruit or vegetable to check if it's fresh or rotten
103             <form id="upload-form">
104                 <input type="file" id="image-input" accept="image/*" required>
105                 <button type="submit">Analyze Image</button>
106             </form>
107             <div id="result" class="results-section">
108                 <!-- Results will be displayed here -->
109             </div>
110         </section>
111
112         <!-- About Section -->
113         <section id="about" class="about-section">
114             <h2>About the Project</h2>
115             <p>
116                 This project utilizes transfer learning with a pre-trained deep learnin
117                 By leveraging models like VGG16 or ResNet, we fine-tune the network to
118             </p>
119             <p>
120                 Upload an image, and our model will predict the condition of the produc
121             </p>
122         </section>
123     </div>
124
125     <footer>
126         <p>&copy; 2025 Smart Sorting Project. All rights reserved.</p>
127         <p>Contact: <a href="mailto:info@smartsorting.com" style="color: #4CAF50;">info
128     </footer>
129
130     <script>
```

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```
            <p>
                Upload an image, and our model will predict the condition of the produc
            </p>
        </section>
    </div>

    <footer>
        <p>&copy; 2025 Smart Sorting Project. All rights reserved.</p>
        <p>Contact: <a href="mailto:info@smartsorting.com" style="color: #4CAF50;">info
    </footer>

    <script>
        // JavaScript for handling form submission and displaying results
        document.getElementById('upload-form').addEventListener('submit', function(even
            event.preventDefault();

            const fileInput = document.getElementById('image-input');
            const resultDiv = document.getElementById('result');

            if (fileInput.files.length === 0) {
                resultDiv.innerHTML = '<p style="color: red;">Please select an image.</
                return;
            }

            // Placeholder for model inference
            resultDiv.innerHTML = '<p>Processing image...</p>';

            // Simulate model prediction (replace with actual API call or ML model inte
            setTimeout(() => {
                // Example result (replace with actual model output)
                const isRotten = Math.random() > 0.5; // Mock prediction
                resultDiv.innerHTML = `
                    <p>Result: The fruit/vegetable is <strong>${isRotten ? 'Rotten' : '
                    <p>Confidence: ${(Math.random() * 100).toFixed(2)}%</p>
                `;
            }, 2000); // Simulate processing delay
        });
    </script>
</body>
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Smart Sorting: Rotten Fruits & Vegetables Detection

Using Transfer Learning to Identify Fresh vs. Rotten Produce

Home
Upload Image
About
Contact

Upload an Image

Select an image of a fruit or vegetable to check if it's fresh or rotten.

Choose File No file chosen Analyze Image

Home
Gallery
Desktop
Pictures

development roadmap

otten Produce

fresh or rotten.

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        }
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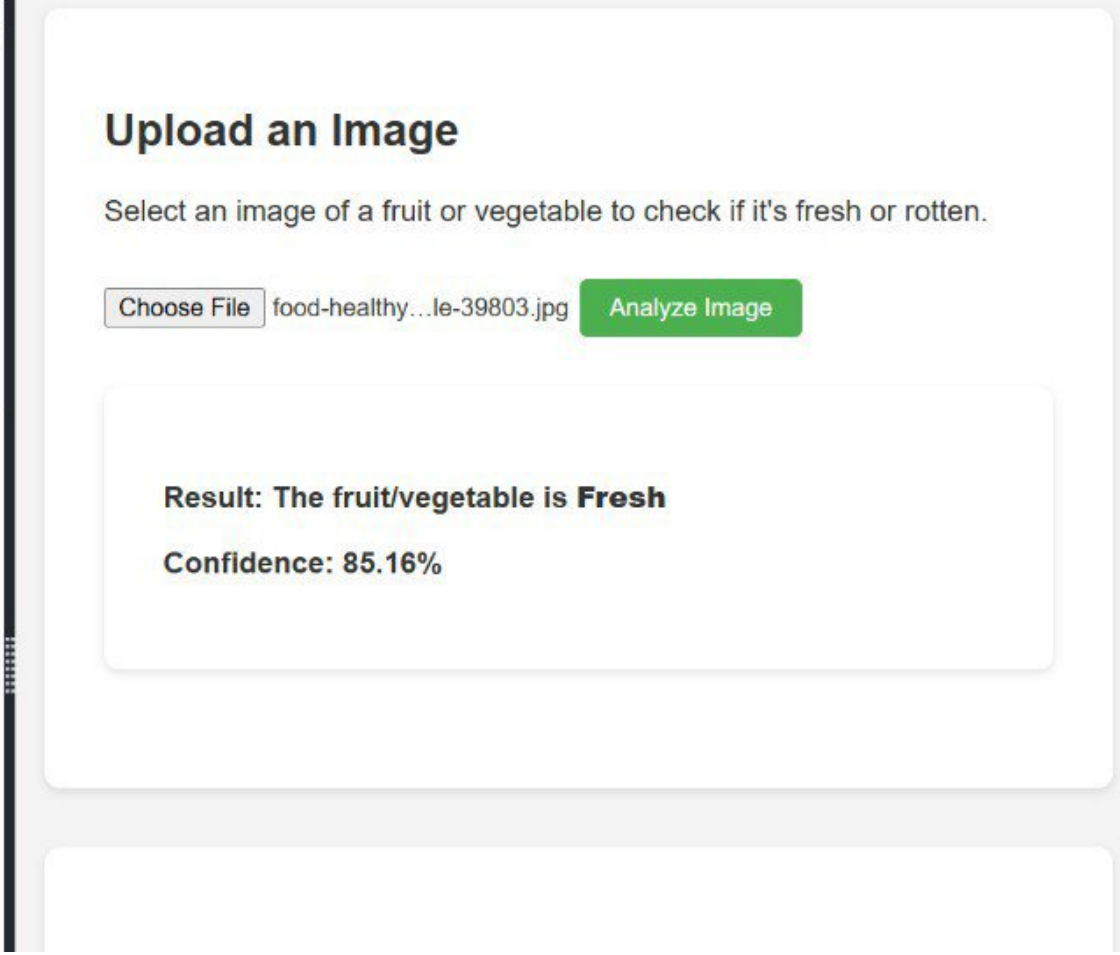

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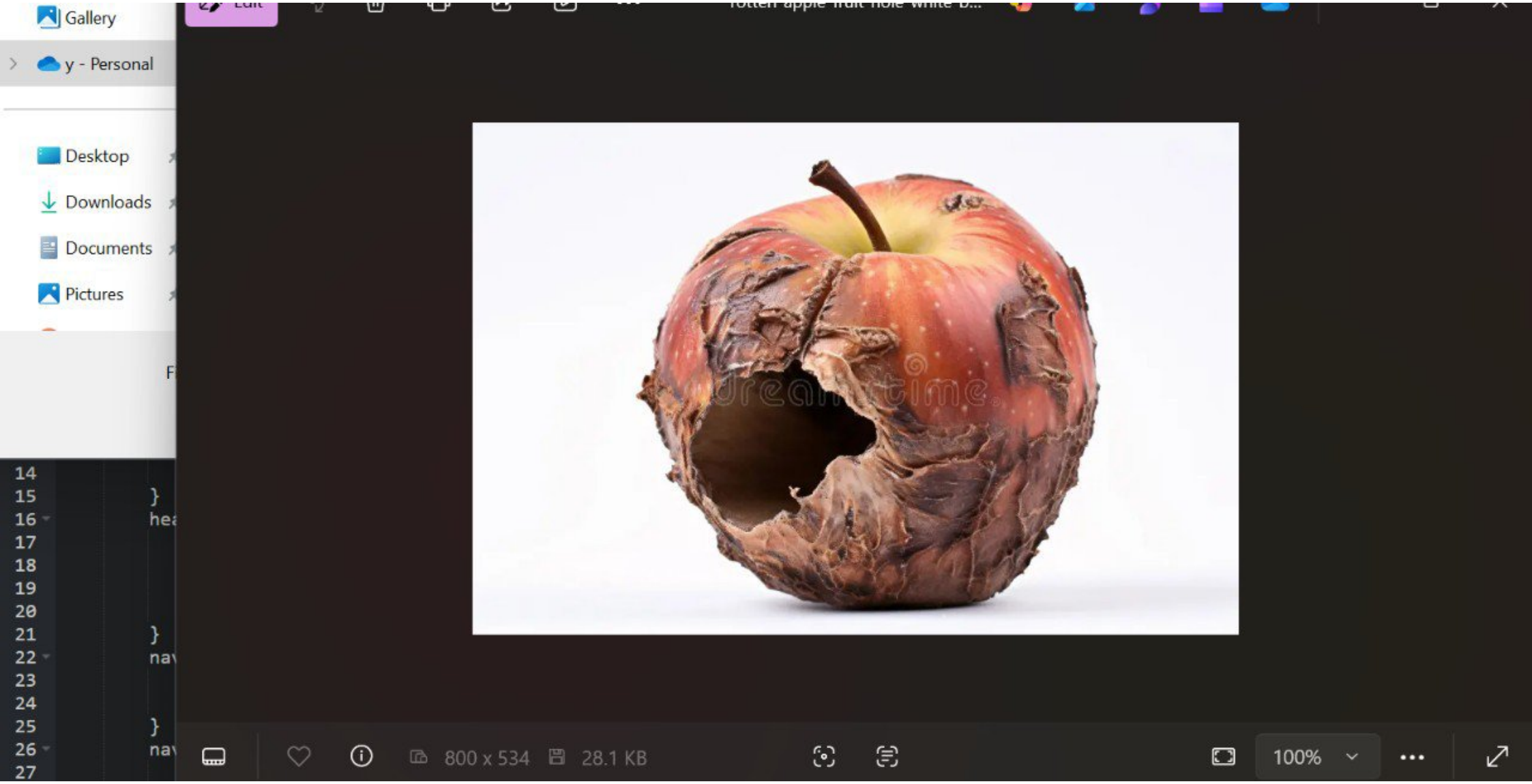
Gallery
y - Personal
Desktop
Downloads
Documents
Pictures
800 x 534
28.1 KB
100%

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