

index.html style.css index.js ▶ Run

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Smart Sorting: Rotten Fruits & Vegetables Detection</title>
7   <style>
8     /* Basic CSS for styling */
9     body {
10       font-family: Arial, sans-serif;
11       margin: 0;
12       padding: 0;
13       background-color: #f4f4f4;
14       color: #333;
15     }
16     header {
17       background-color: #4CAF50;
18       color: white;
19       text-align: center;
20       padding: 2rem;
21     }
22     nav {
23       background-color: #333;
24       padding: 1rem;
25     }
26     nav a {
27       color: white;
28       margin: 0 1rem;
29       text-decoration: none;
30       font-weight: bold;
31     }
32     nav a:hover {
33       color: #4CAF50;
```

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index.htmlstyle.cssindex.jsRun

```
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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```
index.html  style.css  index.js  ▶ Run

65  footer {
66      background-color: #333;
67      color: white;
68      text-align: center;
69      padding: 1rem;
70      position: fixed;
71      width: 100%;
72      bottom: 0;
73  }
74  @media (max-width: 768px) {
75      .container {
76          padding: 1rem;
77      }
78      nav a {
79          display: block;
80          margin: 0.5rem 0;
81      }
82  }
83  </style>
84  </head>
85  <body>
86      <header>
87          <h1>Smart Sorting: Rotten Fruits & Vegetables Detection</h1>
88          <p>Using Transfer Learning to Identify Fresh vs. Rotten Produce</p>
89      </header>
90
91      <nav>
92          <a href="#home">Home</a>
93          <a href="#upload">Upload Image</a>
94          <a href="#about">About</a>
95          <a href="#contact">Contact</a>
96      </nav>
97
98      <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</p>
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 learning model.
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 product.
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@smartsorting.com</a>
128 </footer>
129
130 <script>
```

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119 <p>
120     Upload an image, and our model will predict the condition of the produc
121 </p>
122 </section>
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128 </footer>
129
130 <script>
131     // JavaScript for handling form submission and displaying results
132     document.getElementById('upload-form').addEventListener('submit', function(event)
133         event.preventDefault();
134
135         const fileInput = document.getElementById('image-input');
136         const resultDiv = document.getElementById('result');
137
138         if (fileInput.files.length === 0) {
139             resultDiv.innerHTML = '<p style="color: red;">Please select an image.</
140             return;
141         }
142
143         // Placeholder for model inference
144         resultDiv.innerHTML = '<p>Processing image...</p>';
145
146         // Simulate model prediction (replace with actual API call or ML model inte
147         setTimeout(() => {
148             // Example result (replace with actual model output)
149             const isRotten = Math.random() > 0.5; // Mock prediction
150             resultDiv.innerHTML = `
151                 <p>Result: The fruit/vegetable is <strong>${isRotten ? 'Rotten' : '
152                 <p>Confidence: ${((Math.random() * 100).toFixed(2))}%</p>
153             `;
154         }, 2000); // Simulate processing delay
155     });
156 </script>
157 </body>
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159
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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
- y - Perso
- Desktop
- Downloa
- Documen
- Pictures

Edit

food-healthy-apple-39803.jpg



4928 x 3264 803.3 KB 22%

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development roadmap

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fresh or rotten.


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Choose File

food-healthy...le-39803.jpg

Analyze Image

Result: The fruit/vegetable is Fresh

Confidence: 85.16%


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[Upload Image](#)

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Choose File No file chosen

Analyze Image

Gallery

y - Personal

Desktop

Downloads

Documents

Pictures

14

15

16

17

18

19

20

21

22

23

24

25

26

27



Edit

rotten apple fruit hole white b...

800 x 534 28.1 KB

100%

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29       text-decoration: none;

```

Upload an Image

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

Choose File

rotten-apple...31346.webp

Analyze Image

Result: The fruit/vegetable is Rotten

Confidence: 72.73%