

# PROJECT TITLE: CRAVE ICE-CREAM INTERACTIVE WEBSITE

## INDEX.HTML - STRUCTURE AND CONTENT

### PURPOSE:

This is the main HTML file that structures the ice cream website, including UI elements like the menu, flavor cards, and display areas.

### KEY COMPONENTS:

- Header & Meta:** Basic HTML metadata setup for responsive layout and character encoding.
- Floating Emoji Container:** `<div id="floatingIcecreams"></div>` — animated emojis float in the background.
- Menu Toggle Button:** Button (  ) that toggles visibility of the draggable flavor menu.
- Dropdown Flavor Menu:** List of 10 ice cream flavors with data attributes for image and name.
- Display Area:** Initially shows Chocolate Truffle card. Dynamically updates when a flavor is clicked.
- Footer:** Displays site credits or branding.
- Scripts:** Links to the script.js file for interactivity.

```
index.html x
C:\Users\Diresh Banikarla\OneDrive\Desktop\Crave> index.html -
1 <!DOCTYPE html>                                     C:\Users\Diresh Banikarla\OneDrive\
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1" />
6     <title>CRAVE ICE-CREAM</title>
7     <link rel="stylesheet" href="styles.css">
8   </head>
9   <body>
10     <!-- Floating Background Emojis -->
11     <div id="floatingIcecreams"></div>
12
13     <!-- Toggle Button for Menu -->
14     <button id="menuToggle" class="menu-toggle" data-img="https://tse1-mm.bing.net/th/id/OIP.xMqcg72lg98Urufu30KhwfaE7?pid=Api&P=0&n=180">$179</p>
40             <button class="order-btn" data-img="https://tse1-mm.bing.net/th/id/OIP.xMqcg72lg98Urufu30KhwfaE7?pid=Api&P=0&n=180" data-name="Order Now">Order Now</button>
41           </div>
42         </div>
43         <h2>Chocolate Truffle</h2>
44         <p>You're craving for: <strong>Chocolate Truffle</strong> 
```

## **STYLES.CSS - STYLING AND ANIMATIONS**

### **PURPOSE:**

Applies design, animations, and UI enhancements for a fun, interactive user experience.

### **Highlights:**

#### **GENERAL STYLING**

- body: Colorful ice cream-themed background.
- Fancy scrollbar: Customized colors and width.

#### **FLOATING EMOJIS**

- .float-item: Uses keyframe animation to float emoji characters vertically from top to bottom (@keyframes float).

#### **MENU STYLES**

- .menu-toggle: Sticky round button to open the menu.
- .menu-wrapper: Draggable menu panel with flavor buttons.
- .flavor:hover: Highlights flavors on hover.

#### **DISPLAY & ICE CREAM CARDS**

- .display-area: Centers the card below menu.
- .icecream-card: Card layout with fade animation (fadeInUp).
- .img-wrapper:hover .overlay: Reveals order button and price overlay.

#### **POPUP**

- .popup-box: Styled success dialog triggered on "Order Now" click.
- .popup-box h3/p: Animated text with color and scale effect (fadeInScale).

```
styles.css  X
C:\Users\Dimesh Bankuru\OneDrive\Desktop\Crave\styles.css > styles.css > 45 %
1 body {
2   margin: 0;
3   padding: 0;
4   box-sizing: border-box;
5 }
6
7 body {
8   font-family: 'Segoe UI', sans-serif;
9   background-image: url('https://static.vecteezy.com/system/resources/previews/024/623/665/non_2x/a-colorful-summer-treat-in-melting-ice-cream-generative-ai-Free-photo.jpg');
10  background-size: cover;
11  background-repeat: no-repeat;
12  background-attachment: fixed;
13  color: #333;
14  overflow-x: hidden;
15 }
16
17 /* Fancy Scrollbar */
18 ::webkit-scrollbar {
19   width: 10px;
20 }
21
22 ::-webkit-scrollbar-track {
23   background: #fffecc;
24 }
25
26 ::-webkit-scrollbar-thumb {
27   background: #ff8fa0;
28   border-radius: 5px;
29 }
30
31 /* Floating Background Emojis */
32 #floatingIcecreams {
33   position: fixed;
34   top: 0;
35   left: 0;
36   z-index: 1;
37   width: 100%;
38   height: 100%;
39   pointer-events: none;
40 }
41
42 .float-item {
43   position: absolute;
44   font-size: 2rem;
45   animation: float 10s linear infinite;
46   top: -10%;
47 }
48
49 @keyframes float {
50   to {
51     | transform: translateY(120vh);
52   }
53 }
54
55 .menu-toggle {
56   position: fixed;
57   top: 20px;
```

```
styles.css x | styles.css x | styles.css x | styles.css x | styles.css x |
C:\Users\Dinesh Bankuru\OneDrive\Desktop\Crave > styles.css > 4+ C:\Users\Dinesh Bankuru\OneDrive\Desktop\Crave\styles.css C:\Users\Dinesh Bankuru\OneDrive\Desktop\Crave > styles.css > 4+
54
55 .menu-toggle {
56 position: fixed;
57 top: 20px;
58 left: 20px;
59 font-size: 1.5rem;
60 background: #fff5f5;
61 border: 2px solid #f99;
62 border-radius: 50%;
63 width: 50px;
64 height: 50px;
65 z-index: 999;
66 cursor: pointer;
67 transition: background 0.3s ease;
68 }
69
70 .menu-toggle:hover {
71 background: #f99;
72 color: #fff;
73 }
74
75 .menu-wrapper {
76 position: fixed;
77 top: 80px;
78 left: 20px;
79 z-index: 999;
80 background: #rgba(255, 255, 255, 0.9);
81 padding: 15px;
82 border-radius: 15px;
83 box-shadow: 0 0 15px #rgba(255, 0, 102, 0.3);
84 cursor: move;
85 }
86
87 .dropdown-menu {
88 display: flex;
89 flex-direction: column;
90 gap: 10px;
91 }
92
93 .flavor {
94 padding: 8px 12px;
95 background: #fffde1;
96 border: 1px solid #ff9aa2;
97 border-radius: 8px;
98 cursor: pointer;
99 transition: 0.3s;
100 }
101
102 .flavor:hover {
103 background: #ff8fab;
104 color: #white;
105 }
106
107 .display-area {
108 margin-top: 15px;
109 text-align: center;
110 justify-content: space-around;
111 justify-content: space-between;
112 }
113
114 .icecream-card {
115 display: inline-block;
116 background: #rgba(255, 255, 255, 0.95);
117 padding: 20px;
118 border-radius: 20px;
119 box-shadow: 0 8px 20px #rgba(0, 0, 0, 0.2);
120 animation: fadeInUp 1s ease;
121 }
122
123 .img-wrapper {
124 position: relative;
125 overflow: hidden;
126 border-radius: 15px;
127 }
128
129 .img-wrapper img {
130 width: 300px;
131 height: auto;
132 border-radius: 15px;
133 transition: 0.4s;
134 }
135 .img-wrapper:hover img {
136 transform: scale(1.1);
137 }
138
139
140 .overlay {
141 position: absolute;
142 bottom: 0;
143 left: 0;
144 width: 100%;
145 height: 100%;
146 color: #fff;
147 padding: 10px;
148 transform: translate(-100%, -100%);
149 transition: 0.4s ease;
150 }
151
152 .img-wrapper:hover .overlay {
153 transform: translate(0%, 0);
154 }
155
156 .price {
157 font-size: 1.2rem;
158 margin-bottom: 5px;
159 }
160
161 .order-btn {
162 background: #white;
163 color: #f93;
164 padding: 8px 10px;
165 border: none;
166 border-radius: 5px;
167 cursor: pointer;
168 }
169
170 .order-btn:hover {
171 background: #ff3333;
172 color: #white;
173 }
174
175 footer {
176 text-align: center;
177 margin-top: 50px;
178 padding: 20px;
179 background: #rgba(255, 255, 255, 0.7);
180 font-weight: bold;
181 }
182
183 @keyframes fadeInUp {
184 from {
185 transform: translate(20px);
186 opacity: 0;
187 }
188 to {
189 transform: translate(0);
190 opacity: 1;
191 }
192 }
193
194 .popup-box {
195 position: absolute;
196 top: 30px;
197 left: 50%;
198 transform: translate(-50%, -50%);
199 background: #fff800;
200 border: 2px solid #ffbb4d;
201 box-shadow: 0 0 20px #rgba(0,0,0,0.2);
202 padding: 20px 30px;
203 z-index: 9999;
204 border-radius: 10px;
205 text-align: center;
206 animation: fadeInScale 1s ease;
207 }
208
209 .popup-box h3 {
210 margin-top: 0;
211 color: #d3d4d0;
212 font-size: 20px;
213 }
214
215 .popup-box p {
216 color: #555555;
217 font-size: 20px;
218 }
219
220 .close-popup {
221 position: absolute;
222 top: 5px;
223 right: 10px;
224 cursor: pointer;
225 font-size: 22px;
226 color: #999999;
227 }
228
229 @keyframes fadeInScale {
230 from {
231 opacity: 0;
232 transform: translate(-50%, -50%) scale(0.7);
233 }
234 to {
235 opacity: 1;
236 transform: translate(-50%, -50%) scale(1);
237 }
238 }
```

## **SCRIPT.JS - INTERACTIVITY AND LOGIC**

### **PURPOSE:**

Handles dynamic updates, flavor selection, draggable menu behavior, background emoji animation, and popup notifications.

### **BREAKDOWN:**

#### **FLAVOR SELECTION**

- When a .flavor item is clicked:
  - Reads data-name and data-img.
  - Fetches price from predefined prices object.
  - Dynamically injects a new .icecream-card into the display area.

#### **FLOATING EMOJIS**

- Adds 20 random emoji spans to the page.
- Each emoji floats using random position, animation duration, and emoji icon.

#### **DRAGGABLE MENU**

- Mouse events (mousedown, mousemove, mouseup) allow dragging the menu box around the screen.

#### **TOGGLE MENU**

- Clicking the #menuToggle button toggles visibility of the flavor menu.

#### **ORDER CONFIRMATION**

- showOrderPopup():
  - Creates and shows a styled confirmation popup.
  - Automatically disappears after 3 seconds or on clicking the close button (x).

#### **ORDER NOW LISTENER**

- Global click event checks if an .order-btn was clicked and shows popup.

```

JS script.js ●
C:\> Users > Dinesh Bankuru > OneDrive > Desktop > Crave > JS script.js > ...
1 document.addEventListener('DOMContentLoaded', () => {
2   const flavorMenu = document.querySelectorAll('.flavor');
3   const display = document.getElementById('display-area');
4
5   const prices = {
6     "Chocolate Truffle": "\u20a9200",
7     "Almond Classic": "\u20a989",
8     "Brownie Crunch": "\u20a949",
9     "Double Caramel": "\u20a999",
10    "Cookie Duet": "\u20a959",
11    "Dark Chocolate": "\u20a949",
12    "White Chocolate & Cookies": "\u20a9299",
13    "Double Raspberry": "\u20a949",
14    "Vegan Classic": "\u20a999",
15    "Gold Caramel Billionaire": "\u20a929"
16  };
17
18  flavorMenu.forEach(item => {
19    item.addEventListener('click', () => {
20      const name = item.getAttribute('data-name');
21      const img = item.getAttribute('data-img');
22      const price = prices[name] || '\u20a949';
23
24      display.innerHTML =
25        `<div class="icecream-card fly-in">
26          <div class="img-wrapper">
27            
28            <div class="overlay">
29              <p class="price">${price}</p>
30              <button class="order-btn">Order Now</button>
31            </div>
32          </div>
33          <h2>${name}</h2>
34          <p>You're craving for: <strong>${name}</strong> <img alt="heart icon" style="vertical-align: middle;"></p>
35        </div>
36    `;
37  });
38}
39
40 // Floating emoji background
41 const floatingContainer = document.getElementById('floatingIcecreams');
42 const floatImg = ['\ud83c\udcfa', '\ud83c\udcfd', '\ud83c\udcfe', '\ud83c\udcfc', '\ud83c\udcfd', '\ud83c\udcfa', '\ud83c\udcfe', '\ud83c\udcfc'];
43
44 for (let i = 0; i < 20; i++) {
45   const span = document.createElement('span');
46   span.className = 'float-item';
47   span.textContent = floatImg[Math.floor(Math.random() * floatImg.length)];
48   span.style.left = `${Math.random() * 100}%`;
49   span.style.animationDuration = `${5 + Math.random() * 10}s`;
50   floatingContainer.appendChild(span);
51 }
52
53 // Draggable menu
54 const menuWrapper = document.getElementById('menuWrapper');
55 let isDragging = false, offsetX = 0, offsetY = 0;
56
57 menuWrapper.addEventListener('mousedown', (e) => {
58   isDragging = true;
59   offsetX = e.clientX - menuWrapper.offsetLeft;
60   offsetY = e.clientY - menuWrapper.offsetTop;
61 });
62
63 document.addEventListener('mousemove', (e) => {
64   if (isDragging) {
65     menuWrapper.style.left = `${e.clientX - offsetX}px`;
66     menuWrapper.style.top = `${e.clientY - offsetY}px`;
67   }
68 });

```

  

```

JS script.js ●
C:\> Users > Dinesh Bankuru > OneDrive > Desktop > Crave > JS script.js > ...
1 document.addEventListener('DOMContentLoaded', () => {
2
3   document.addEventListener('mouseup', () => {
4     isDragging = false;
5   });
6
7   // Menu toggle button
8   document.getElementById("menuToggle").addEventListener("click", () => {
9     menuWrapper.style.display = (menuWrapper.style.display === "none") ? "block" : "none";
10  });
11
12
13  function showOrderPopup() {
14    const popup = document.createElement('div');
15    popup.className = 'popup-box';
16    popup.innerHTML =
17      `<div class="popup-content">
18        <span class="close-popup">&times;</span>
19        <h3>\ud83d\udcbb Your order is booked!</h3>
20        <p>Just crave until it's on your doorstep! <img alt="blue dot icon" style="vertical-align: middle;"></p>
21      </div>
22    `;
23    document.body.appendChild(popup);
24
25    // Close on click (X)
26    popup.querySelector('.close-popup').addEventListener('click', () => {
27      popup.remove();
28    });
29
30    // Auto-close after 3 seconds
31    setTimeout(() => popup.remove(), 3000);
32  }
33
34  document.addEventListener('click', (e) => {
35    if (e.target.classList.contains('order-btn')) {
36      showOrderPopup();
37    }
38  });
39
40 });

```

## FOLDER/FILE STRUCTURE

/icecream-website

```

├── index.html      ← renamed from index.html
├── styles.css      ← renamed from styles.css
└── script.js       ← renamed from script.js
└── assets/          ← store any future image assets if needed

```

## **FEATURES SUMMARY**

<b>Feature</b>	<b>Description</b>
Floating emoji background	Animated ice cream-related emojis float in background.
Draggable flavor menu	User can drag and reposition menu panel.
Dynamic card rendering	Selecting a flavor updates the main card with image, name, and price.
Hover effects	Hovering over image shows price and "Order Now" button.
Order popup	Clicking "Order Now" shows a stylish confirmation popup.
Responsive UI	Mobile-friendly design with scalable layout.
Fancy Scrollbar	Custom-colored scrollbar matches theme.