MINI PROJECT

Project Name: Interactive Recipe Card With Animations

Source code:

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>

  <title> Chocolate Cake Recipe</title>

  <style>

    body {

      font-family: Georgia, serif;

      margin: 0;

      padding: 0;

      background: linear-gradient(#fff4e6, #ffe0b2);

      display: flex;

      justify-content: center;

      align-items: center;

      min-height: 100vh;

    }

    .recipe-card {

      background: #fff;

      border-radius: 16px;

      box-shadow: 0 10px 20px rgba(0,0,0,0.15);

      padding: 20px;

      max-width: 500px;

      width: 90%;

      text-align: center;

      transition: transform 0.3s;

    }

    .recipe-card:hover {

      transform: scale(1.02);

    }

    .dish-image {

      width: 100%;

      border-radius: 12px;

      margin-bottom: 15px;

    }

    .info {

      display: flex;

      justify-content: space-around;

      margin-bottom: 10px;

      font-weight: bold;

    }

    button {

      padding: 10px 20px;

      margin: 10px 5px;

      border: none;

      border-radius: 8px;

      background-color: #d86436;

      color: white;

      font-weight: bold;

      cursor: pointer;

      transition: background 0.3s;

    }

    button:hover {

      background-color: #d84315;

    }

    ul li, ol li {

      text-align: left;

      margin: 8px 0;

      transition: all 0.3s;

    }

    ul li:hover, ol li:hover {

      color: #d84315;

      transform: translateX(5px);

    }

    .hidden {

      display: none;

    }

    .progress-container {

      width: 100%;

      background-color: #ddd;

      border-radius: 10px;

      height: 10px;

      margin: 20px 0;

    }

    .progress-bar {

      height: 100%;

      width: 0;

      background-color: #1cd043;

      border-radius: 10px;

      transition: width 0.5s;

    }

    .timer {

      font-size: 1.2rem;

      margin-top: 10px;

      color: #4e342e;

    }

    @media (max-width: 600px) {

      .info {

        flex-direction: column;

        gap: 5px;

      }

      button {

        width: 90%;

      }

    }

  </style>

</head>

<body>

  <div class="recipe-card">

    <h1>Chocolate Cake</h1>

    <img src="https://th.bing.com/th/id/R.d62f3022ba2a471e1dd3b9e59ece6bbb?rik=HuiMMsioFPzzvQ&riu=http%3a%2f%2fcf.ltkcdn.net%2fcake-decorating%2fimages%2fslide%2f178030-850x680-Chocolate-Cake-White-Flowers.jpg&ehk=3EDtnNNgAxC%2bhdvPXWvPhWE6aqnibf%2fO9TGAD%2fVbQCA%3d&risl=&pid=ImgRaw&r=0" alt="Chocolate Cake" class="dish-image" />

    <div class="info">

      <span>Prep Time: 50 mins</span>

      <span>Serves: 6</span>

    </div>

    <button onclick="toggleSection('ingredients')">Show & hide Ingredients</button>

    <ul id="ingredients" class="hidden">

      <li>2 cups all- purpose flour</li>

      <li>2 cup sugar</li>

      <li>1 cup cocoa powder</li>

      <li>2 tsp baking soda</li>

      <li>1 cup milk</li>

      <li>1 tsp salt</li>

      <li>2 eggs</li>

      <li>1/2 cup oil</li>

      <li>2 tsp vanilla essence</li>

      <li>1 cup hot water</li>

    </ul>

    <button onclick="toggleSection('steps')">Show & hide Steps</button>

    <ol id="steps" class="hidden">

      <li>Preheat the oven to 180°C. grease two 8-inch cake pans.</li>

      <li>In a bowl, mix flour,cocoa powder,sugar,baking powder,baking soda and salt.</li>

      <li>Add eggs,milk,oil and vanilla, beat until smooth and stir in boiling water to make a thin batter.</li>

      <li>pour evenly into pans and bake for 30-35 minutes.</li>

      <li>cool in pans for 10 minutes, then transfer to a rack and frost with Chocolate icing or dust with sugar once cooled</li>

    </ol>

    <div class="progress-container">

      <div class="progress-bar" id="progressBar"></div>

    </div>

    <div class="buttons">

      <button onclick="startCooking()">Start Cooking</button>

      <button onclick="nextStep()">Next Step</button>

    </div>

    <div id="timer" class="timer"></div>

  </div>

  <script>

    let currentStep = 0;

    let totalSteps = 5;

    let timerInterval;

    function toggleSection(id) {

      const section = document.getElementById(id);

      section.classList.toggle("hidden");

    }

    function startCooking() {

      currentStep = 0;

      highlightStep(currentStep);

      updateProgressBar();

      startTimer(50);

      const steps = document.querySelectorAll("#steps li");

      steps.forEach(step => step.style.background = "");

    }

    function nextStep() {

      const steps = document.querySelectorAll("#steps li");

      if (currentStep < steps.length - 1) {

        steps[currentStep].style.background = "";

        currentStep++;

        highlightStep(currentStep);

        updateProgressBar();

      }

    }

    function highlightStep(index) {

      const steps = document.querySelectorAll("#steps li");

      steps[index].style.background = "#c8e6c9";

    }

    function updateProgressBar() {

      const percentage = ((currentStep + 1) / totalSteps) \* 100;

      document.getElementById("progressBar").style.width = percentage + "%";

    }

    function startTimer(minutes) {

      clearInterval(timerInterval);

      let seconds = minutes \* 60;

      timerInterval = setInterval(() => {

        const mins = Math.floor(seconds / 60);

        const secs = seconds % 60;

        document.getElementById("timer").innerText =  {mins}; {secs} left;

        if (seconds-- <= 0) {

          clearInterval(timerInterval);

          document.getElementById("timer").innerText = "Time's up!";

        }

      }, 1000);

    }

  </script>

</body>

</html>