

1)Movie ticket booking website

Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>CineStream India</title>
  <style>
    :root {
      --primary: #e50914;
      --bg: #0f1014;
      --glass: rgba(255, 255, 255, 0.1);
      --gold: #ffcc00;
    }

    body {
      background: radial-gradient(circle at top, #3d1414 0%, #0f1014 100%);
      color: white;
      font-family: 'Segoe UI', Arial, sans-serif;
      margin: 0;
      display: flex;
      justify-content: center;
      align-items: center;
      min-height: 100vh;
    }

    .container {
      background: rgba(0, 0, 0, 0.85);
      backdrop-filter: blur(12px);
      padding: 40px;
      border-radius: 15px;
      width: 95%;
      max-width: 850px;
      box-shadow: 0 0 50px rgba(0,0,0,0.9);
      border: 1px solid rgba(255, 255, 255, 0.1);
      text-align: center;
    }

    .hidden { display: none !important; }

    h2 { font-size: 2rem; margin-bottom: 20px; }

    .accent { color: var(--primary); }

    input, .btn {
      width: 100%;
      padding: 15px;
      margin: 10px 0;
      border-radius: 5px;
    }
  </style>

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```
border: 1px solid #333;
background: #222;
color: white;
font-size: 1rem;
box-sizing: border-box;
}

.btn {
  background: var(--primary);
  border: none;
  font-weight: bold;
  cursor: pointer;
  transition: 0.3s;
}

.btn:hover { background: #ff1e1e; transform: translateY(-2px); }

.movie-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(180px, 1fr));
  gap: 20px;
  margin-top: 20px;
}

.movie-card {
  background: var(--glass);
  padding: 10px;
  border-radius: 10px;
  cursor: pointer;
  border: 1px solid transparent;
  transition: 0.3s;
  display: flex;
  flex-direction: column;
  align-items: center;
}

.movie-card:hover {
  border-color: var(--primary);
  background: rgba(229, 9, 20, 0.1);
  transform: scale(1.03);
}

.movie-poster {
  width: 100%;
  height: 250px;
  object-fit: cover;
  border-radius: 5px;
  margin-bottom: 10px;
  background: #333;
```

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        }

.movie-card h4 { margin: 5px 0; font-size: 1rem; }
.price { color: var(--gold); font-size: 0.9rem; font-weight: bold; }

.screen { background: white; height: 4px; width: 80%; margin: 20px auto 40px; box-shadow: 0 0 15px white; border-radius: 50%; }
.seat-grid { display: grid; grid-template-columns: repeat(8, 1fr); gap: 10px; justify-content: center; }
.seat { height: 20px; background: #444; border-radius: 4px; cursor: pointer; }
.seat.selected { background: var(--primary); box-shadow: 0 0 10px var(--primary); }
.seat.occupied { background: #111; cursor: not-allowed; }

.receipt { background: white; color: black; padding: 25px; border-radius: 10px; text-align: left; margin-top: 20px; border-left: 10px solid var(--primary); }
</style>
</head>
<body>

<div id="step1" class="container">
  <h1 class="accent">CINESTREAM</h1>
  <h2>Member Login</h2>
  <form id="loginForm">
    <input type="text" id="uname" placeholder="Full Name" required>
    <input type="email" id="uemail" placeholder="Email Address" required>
    <input type="tel" id="uphone" placeholder="Mobile Number" required pattern="[0-9]{10}">
    <button type="submit" class="btn">Login</button>
  </form>
</div>

<div id="step2" class="container hidden">
  <h2>Select <span class="accent">Movie</span></h2>
  <div class="movie-grid">
    <div class="movie-card" onclick="setMovie('Pushpa 2', 350)">
      
        <h4>Pushpa 2</h4>
        <div class="price">₹350</div>
    </div>
    <div class="movie-card" onclick="setMovie('Singham Again', 250)">
      
        <h4>Singham Again</h4>
        <div class="price">₹250</div>
    </div>
    <div class="movie-card" onclick="setMovie('Bhool Bhulaiyaa 3', 200)">
      
        <h4>Bhool Bhulaiyaa 3</h4>
    </div>
  </div>
</div>

```

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<div class="price">₹200</div>
</div>
<div class="movie-card" onclick="setMovie('Animal', 300)">
  
    <h4>Animal</h4>
    <div class="price">₹300</div>
  </div>
<div class="movie-card" onclick="setMovie('Jawan', 280)">
  
    <h4>Jawan</h4>
    <div class="price">₹280</div>
  </div>
<div class="movie-card" onclick="setMovie('Spider-Man', 400)">
  
    <h4>Spider-Man</h4>
    <div class="price">₹400</div>
  </div>
<div class="movie-card" onclick="setMovie('Inception', 150)">
  
    <h4>Inception</h4>
    <div class="price">₹150</div>
  </div>
</div>
</div>

<div id="step3" class="container hidden">
  <h2 id="dispMovie" class="accent"></h2>
  <select id="stime" class="btn" style="background: #333; margin-top:0;">
    <option>10:00 AM</option>
    <option>02:30 PM</option>
    <option>06:45 PM</option>
    <option>10:00 PM</option>
  </select>
  <div class="screen"></div>
  <div id="seatContainer" class="seat-grid"></div>
  <div style="margin: 20px 0; font-size: 1.2rem;">
    Seats: <span id="count" class="accent">0</span> | Total: <span class="accent">₹</span><span
id="total" class="accent">0</span>
  </div>
  <button class="btn" onclick="finalize()">Book Tickets</button>
  <button class="btn" style="background:#444; margin-top:5px;" onclick="goBack()">Back</button>
</div>

```

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</div>

<div id="step4" class="container hidden">
  <h2 class="accent">Success!</h2>
  <div id="receiptBox" class="receipt"></div>
  <button class="btn" onclick="location.reload()" style="margin-top:20px;">Exit</button>
</div>

<script>
  let userData = {};
  let movieName = "";
  let moviePrice = 0;
  let selectedCount = 0;

  document.getElementById('loginForm').onsubmit = (e) => {
    e.preventDefault();
    userData = {
      name: document.getElementById('uname').value,
      email: document.getElementById('uemail').value,
      phone: document.getElementById('uphone').value
    };
    document.getElementById('step1').classList.add('hidden');
    document.getElementById('step2').classList.remove('hidden');
  };

  function setMovie(name, price) {
    movieName = name;
    moviePrice = price;
    document.getElementById('dispMovie').innerText = name;
    document.getElementById('step2').classList.add('hidden');
    document.getElementById('step3').classList.remove('hidden');
    initSeats();
  }

  function goBack() {
    document.getElementById('step3').classList.add('hidden');
    document.getElementById('step2').classList.remove('hidden');
  }

  function initSeats() {
    const grid = document.getElementById('seatContainer');
    grid.innerHTML = "";
    selectedCount = 0;
    updateStats();
    for (let i = 0; i < 48; i++) {
      const seat = document.createElement('div');
      seat.className = 'seat';
      if (Math.random() < 0.25) seat.className = 'seat occupied';
      seat.onclick = () => {
        if (seat.className === 'seat occupied') {
          seat.className = 'seat';
          selectedCount--;
        } else {
          seat.className = 'seat occupied';
          selectedCount++;
        }
        updateStats();
      }
    }
  }

  function updateStats() {
    document.getElementById('selectedCount').innerHTML = selectedCount;
    document.getElementById('totalPrice').innerHTML = moviePrice * selectedCount;
  }
</script>

```

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        if (!seat.classList.contains('occupied')) {
            seat.classList.toggle('selected');
            selectedCount = document.querySelectorAll('.seat.selected').length;
            updateStats();
        }
    };
    grid.appendChild(seat);
}
}

function updateStats() {
    document.getElementById('count').innerText = selectedCount;
    document.getElementById('total').innerText = selectedCount * moviePrice;
}

function finalize() {
    if (selectedCount === 0) return alert("Select a seat!");
    document.getElementById('step3').classList.add('hidden');
    document.getElementById('step4').classList.remove('hidden');
    document.getElementById('receiptBox').innerHTML =
        `

### ${movieName}


        <p><strong>Customer:</strong> ${userData.name}</p>
        <p><strong>Mobile:</strong> ${userData.phone}</p>
        <p><strong>Showtime:</strong> ${document.getElementById('stime').value}</p>
        <p><strong>Seats:</strong> ${selectedCount}</p>
        <h2 style="margin-bottom:0">Total: ₹${selectedCount * moviePrice}</h2>
    `;
}
</script>
</body>
</html>

```

2)Online Shopping Website

Code

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>NexShop | Premium Shopping</title>
    <style>
        :root {
            --primary: #2563eb;
            --dark: #0f172a;
            --light: #f8fafc;
            --accent: #f59e0b;

```

```
--glass: rgba(255, 255, 255, 0.95);
}

body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background: #e2e8f0;
  margin: 0;
  color: var(--dark);
}

header {
  background: var(--dark);
  color: white;
  padding: 1rem 5%;
  display: flex;
  justify-content: space-between;
  align-items: center;
  position: sticky;
  top: 0;
  z-index: 100;
}

.container { padding: 2rem 5%; }
.hidden { display: none !important; }

/* Product Grid */
.product-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
  gap: 2rem;
}

.product-card {
  background: white;
  padding: 1.5rem;
  border-radius: 12px;
  box-shadow: 0 4px 6px -1px rgba(0,0,0,0.1);
  text-align: center;
  transition: transform 0.2s;
}

.product-card:hover { transform: translateY(-5px); }

.product-img {
  width: 100%;
  height: 200px;
  background: #f1f5f9;
  border-radius: 8px;
  display: flex;
```

```
align-items: center;
justify-content: center;
margin-bottom: 1rem;
overflow: hidden; /* Ensures image doesn't bleed out */
}

/* Added style for the images to fit the container */
.product-img img {
  max-width: 100%;
  max-height: 100%;
  object-fit: contain;
}

/* Cart & Forms */
.cart-container, .form-container {
  background: var(--glass);
  padding: 2rem;
  border-radius: 15px;
  box-shadow: 0 10px 25px rgba(0,0,0,0.1);
  max-width: 800px;
  margin: 0 auto;
}

.cart-item {
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 1rem 0;
  border-bottom: 1px solid #ddd;
}

input[type="number"] { width: 50px; padding: 5px; }

input[type="text"], input[type="email"], input[type="tel"], textarea {
  width: 100%;
  padding: 12px;
  margin: 8px 0;
  border: 1px solid #cbd5e1;
  border-radius: 6px;
  box-sizing: border-box;
}

.btn {
  padding: 10px 20px;
  border: none;
  border-radius: 6px;
  cursor: pointer;
  font-weight: bold;
  transition: 0.3s;
}
```

```

        }

.btn-add { background: var(--primary); color: white; width: 100%; }
.btn-remove { background: #ef4444; color: white; padding: 5px 10px; }
.btn-checkout { background: var(--accent); color: white; margin-top: 1rem; width: 100%; }

.summary-box {
  background: #f8fafc;
  padding: 1rem;
  margin-top: 1rem;
  border-radius: 8px;
  border-left: 5px solid var(--primary);
}

</style>
</head>
<body>

<header>
  <h1>NexShop</h1>
  <div id="cart-status">  Items: <span id="cart-count">0</span></div>
</header>

<div class="container">
  <section id="view-products">
    <div class="product-grid" id="product-list"></div>
  </section>

  <section id="view-cart" class="hidden">
    <div class="cart-container">
      <h2>Your Shopping Cart</h2>
      <div id="cart-items"></div>
      <div class="summary-box">
        <h3>Total Amount: ₹<span id="cart-total">0</span></h3>
      </div>
      <button class="btn btn-checkout" onclick="showForm()">Proceed to Details</button>
      <button class="btn" onclick="showProducts()" style="background:#64748b; color:white; margin-top:10px; width:100%">Continue Shopping</button>
    </div>
  </section>

  <section id="view-form" class="hidden">
    <div class="form-container">
      <h2>Shipping Information</h2>
      <form id="shipping-form">
        <input type="text" id="username" placeholder="Full Name" required>
        <input type="email" id="email" placeholder="Email Address" required>
        <input type="tel" id="phone" placeholder="Phone Number (10 digits)" required pattern="[0-9]{10}">
      </form>
    </div>
  </section>
</div>

```

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<textarea id="address" placeholder="Shipping Address" rows="3" required></textarea>
<button type="submit" class="btn btn-checkout">Review Order</button>
</form>
</div>
</section>

<section id="view-summary" class="hidden">
<div class="cart-container">
<h2 style="color: #10b981;">Order Summary</h2>
<div id="user-info-display" class="summary-box"></div>
<div id="final-items-display"></div>
<div class="summary-box">
<h3>Final Total: ₹<span id="final-total">0</span></h3>
</div>
<button class="btn btn-checkout" onclick="alert('Order Placed Successfully!')">Place
Order</button>
</div>
</section>
</div>

<script>
// Updated products array with your specific Image URLs
const products = [
{
  id: 1,
  name: "Wireless Headphones",
  price: 2999,
  desc: "Noise cancelling Bluetooth 5.0",
  img: "https://m.media-amazon.com/images/I/71U8-qZo-oL.jpg"
},
{
  id: 2,
  name: "Smart Watch",
  price: 4500,
  desc: "Amoled display with SpO2 sensor",
  img: "https://encrypted-
tbn3.gstatic.com/shopping?q=tbn:ANd9GcSiKF4OV4gIYTz7IZuc_snMz_O7V-ai1DYoLD49ZYnVEiITbein"
},
{
  id: 3,
  name: "Gaming Mouse",
  price: 1200,
  desc: "RGB lighting with 6400 DPI",
  img: "https://encrypted-
tbn2.gstatic.com/shopping?q=tbn:ANd9GcTricwJtEV6j8OT_YghZLEfosua0zBLTwsSdoCDaH4DMMChpy
z_4ISMCoGhF2EUPnuEXaKLvzBNgR53X_ismfav0MVi66_mJyDI90xvhAE&usqp=CAc"
},
{
  id: 4,

```

```

        name: "Portable Speaker",
        price: 1800,
        desc: "Deep bass, 10-hour battery",
        img: "https://encrypted-
tbn1.gstatic.com/shopping?q=tbn:ANd9GcSxGZ7gHksQ3qWqliY_tBQMDY1lkngRwj5nX9mivspf7-
HeTi5OI1hbQ13VYrS-G4TruOTgsx0G"
    }
];
};

let cart = [];

function renderProducts() {
    const list = document.getElementById('product-list');
    list.innerHTML = products.map(p =>
        `

<div class="product-img">
                
            </div>
            <h3>${p.name}</h3>
            <p>${p.desc}</p>
            <p><strong>₹${p.price}</strong></p>
            <button class="btn btn-add" onclick="addToCart(${p.id})">Add to Cart</button>
        </div>
    `).join("");
}

function addToCart(id) {
    const item = products.find(p => p.id === id);
    const existing = cart.find(c => c.id === id);

    if (existing) {
        existing.qty++;
    } else {
        cart.push({ ...item, qty: 1 });
    }
    updateCartUI();
    showCart();
}

function updateCartUI() {
    const cartDiv = document.getElementById('cart-items');
    const countSpan = document.getElementById('cart-count');
    const totalSpan = document.getElementById('cart-total');

    let total = 0;
    let count = 0;

    cartDiv.innerHTML = cart.map(item => {
        total += item.price * item.qty;
        count++;
        return `
            <div>
                
                <span>${item.qty}</span>
                <span>₹${item.price}</span>
            </div>
        `;
    });
    countSpan.textContent = count;
    totalSpan.textContent = total;
}


```

```

        count += item.qty;
        return `
            <div class="cart-item">
                <div>
                    <strong>${item.name}</strong><br>
                    ₹${item.price}
                </div>
                <div>
                    <input type="number" min="1" value="${item.qty}"
                        onchange="updateQty(${item.id}, this.value)">
                    <button class="btn btn-remove" onclick="removeItem(${item.id})">Delete</button>
                </div>
            </div>
        `;
    }).join(");

if (cart.length === 0) cartDiv.innerHTML = "<p>Your cart is empty.</p>";

countSpan.innerText = count;
totalSpan.innerText = total;
document.getElementById('final-total').innerText = total;
}

function updateQty(id, qty) {
    const item = cart.find(c => c.id === id);
    if (item) item.qty = parseInt(qty);
    updateCartUI();
}

function removeItem(id) {
    cart = cart.filter(c => c.id !== id);
    updateCartUI();
}

function showProducts() { switchView('view-products'); }
function showCart() { switchView('view-cart'); }
function showForm() {
    if(cart.length === 0) return alert("Cart is empty!");
    switchView('view-form');
}

function switchView(id) {
    document.querySelectorAll('section').forEach(s => s.classList.add('hidden'));
    document.getElementById(id).classList.remove('hidden');
}

document.getElementById('shipping-form').onsubmit = (e) => {
    e.preventDefault();
    const display = document.getElementById('user-info-display');

```

```

display.innerHTML = `

<p><strong>Name:</strong> ${document.getElementById('username').value}</p>
<p><strong>Email:</strong> ${document.getElementById('email').value}</p>
<p><strong>Phone:</strong> ${document.getElementById('phone').value}</p>
<p><strong>Address:</strong> ${document.getElementById('address').value}</p>
`;

const summaryItems = document.getElementById('final-items-display');
summaryItems.innerHTML = cart.map(i => `
  <p>${i.name} x ${i.qty} - ₹${i.price * i.qty}</p>
`).join(");

switchView('view-summary');
};

window.onload = renderProducts;
</script>

</body>
</html>

```

3) Online Event Registration System

Code

HTML

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>EventPro | Register Your Spot</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

```

```

<header>
  <nav>
    <h1>Event<span>Pro</span></h1>
    <div id="reg-status">Selected Events: <span id="event-count">0</span></div>
  </nav>
</header>

<main class="container">
  <section id="view-events">
    <h2 class="section-title">Upcoming Events</h2>
    <div class="event-grid" id="event-list">
    </div>
    <div class="sticky-footer">
      <button class="btn btn-primary" onclick="proceedToForm()">Register for Selected
      Events</button>
    </div>
  </section>

  <section id="view-form" class="hidden">
    <div class="glass-card">
      <h2>Participant Details</h2>
      <form id="registration-form">
        <div class="form-group">
          <label>Full Name</label>
          <input type="text" id="fullname" placeholder="John Doe" required>
        </div>
        <div class="form-group">
          <label>Email ID</label>
          <input type="email" id="email" placeholder="john@example.com" required>
        </div>
        <div class="form-group">
          <label>Phone Number</label>
          <input type="tel" id="phone" placeholder="10-digit number" pattern="[0-9]{10}" required>
        </div>
        <div class="form-group">
          <label>Number of Participants</label>
          <input type="number" id="participants" min="1" value="1" required>
        </div>
        <div class="button-group">
          <button type="button" class="btn btn-secondary" onclick="showView('view-
          events')">Back</button>
          <button type="submit" class="btn btn-primary">Review Registration</button>
        </div>
      </form>
    </div>
  </section>

  <section id="view-summary" class="hidden">

```

```

<div class="glass-card">
  <h2 class="success-text">Review Your Registration</h2>
  <div id="user-info-summary" class="info-box"></div>
  <div id="selected-events-summary"></div>
  <div class="total-box">
    <h3>Total Cost: ₹<span id="final-total">0</span></h3>
  </div>
  <div class="button-group">
    <button class="btn btn-secondary" onclick="showView('view-form')">Edit Details</button>
    <button class="btn btn-success" onclick="completeRegistration()">Confirm & Submit</button>
  </div>
</div>
</section>
</main>

<script src="script.js"></script>
</body>
</html>

```

CSS

```

:root {
  --primary: #6366f1;
  --secondary: #647448b;
  --success: #10b981;
  --dark: #1e293b;
  --bg: #f1f5f9;
}

body {
  font-family: 'Inter', system-ui, sans-serif;
  background-color: var(--bg);
  margin: 0;
  color: var(--dark);
}

header {
  background: white;
  padding: 1rem 5%;
  box-shadow: 0 2px 10px rgba(0,0,0,0.05);
  position: sticky;
  top: 0;
  z-index: 100;
}

nav {
  display: flex;
  justify-content: space-between;
}

```

```
  align-items: center;
}

h1 span { color: var(--primary); }

.container { padding: 2rem 5%; max-width: 1200px; margin: auto; }

.hidden { display: none !important; }

/* Event Cards */
.event-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
  gap: 1.5rem;
  margin-bottom: 5rem;
}

.event-card {
  background: white;
  padding: 1.5rem;
  border-radius: 12px;
  border: 2px solid transparent;
  transition: 0.3s;
  cursor: pointer;
}

.event-card.selected {
  border-color: var(--primary);
  background: #eef2ff;
}

.event-card h3 { margin-top: 0; }
.event-meta { font-size: 0.9rem; color: var(--secondary); margin-bottom: 1rem; }
.price-tag { font-weight: bold; color: var(--primary); }

/* Forms & Cards */
.glass-card {
  background: white;
  padding: 2.5rem;
  border-radius: 16px;
  box-shadow: 0 10px 25px rgba(0,0,0,0.05);
  max-width: 600px;
  margin: auto;
}

.form-group { margin-bottom: 1.2rem; }
.form-group label { display: block; margin-bottom: 0.5rem; font-weight: 500; }
input {
  width: 100%;
```

```

padding: 10px;
border: 1px solid #cbd5e1;
border-radius: 6px;
box-sizing: border-box;
}

.btn {
  padding: 12px 24px;
  border: none;
  border-radius: 8px;
  font-weight: 600;
  cursor: pointer;
  transition: 0.2s;
}

.btn-primary { background: var(--primary); color: white; }
.btn-secondary { background: var(--secondary); color: white; }
.btn-success { background: var(--success); color: white; width: 100%; }

.sticky-footer {
  position: fixed;
  bottom: 0;
  left: 0;
  right: 0;
  background: white;
  padding: 1rem 5%;
  text-align: center;
  box-shadow: 0 -5px 15px rgba(0,0,0,0.05);
}

```

JavaScript

```

const events = [
  { id: 1, name: "Tech Summit 2026", date: "Mar 15", time: "10:00 AM", venue: "Convention Hall A", fee: 500, desc: "Latest trends in AI and Robotics." },
  { id: 2, name: "Design Workshop", date: "Mar 18", time: "02:00 PM", venue: "Creative Studio", fee: 300, desc: "UI/UX principles for modern apps." },
  { id: 3, name: "Startup Pitch", date: "Mar 20", time: "09:00 AM", venue: "Innovation Hub", fee: 0, desc: "Meet the future entrepreneurs." },
  { id: 4, name: "Marketing Pro", date: "Mar 25", time: "11:00 AM", venue: "Grand Ballroom", fee: 450, desc: "Mastering digital growth." }
];

let selectedEvents = [];

window.onload = () => {
  renderEvents();
}

```

```

function renderEvents() {
  const list = document.getElementById('event-list');
  list.innerHTML = events.map(event => `
    <div class="event-card" id="event-${event.id}" onclick="toggleEvent(${event.id})">
      <h3>${event.name}</h3>
      <div class="event-meta">
         ${event.date} |  ${event.time}<br>
         ${event.venue}
      </div>
      <p>${event.desc}</p>
      <div class="price-tag">${event.fee} > 0 ? '₹' + event.fee : 'FREE'</div>
    </div>
  `).join("");
}

function toggleEvent(id) {
  const index = selectedEvents.indexOf(id);
  const card = document.getElementById(`event-${id}`);

  if (index > -1) {
    selectedEvents.splice(index, 1);
    card.classList.remove('selected');
  } else {
    selectedEvents.push(id);
    card.classList.add('selected');
  }
  document.getElementById('event-count').innerText = selectedEvents.length;
}

function showView(viewId) {
  document.querySelectorAll('section').forEach(s => s.classList.add('hidden'));
  document.getElementById(viewId).classList.remove('hidden');
  window.scrollTo(0,0);
}

function proceedToForm() {
  if (selectedEvents.length === 0) {
    alert("Please select at least one event!");
    return;
  }
  showView('view-form');
}

document.getElementById('registration-form').onsubmit = function(e) {
  e.preventDefault();

  const participants = parseInt(document.getElementById('participants').value);

```

```

// Summary Generation
const userInfo = document.getElementById('user-info-summary');
userInfo.innerHTML = `
  <p><strong>Registrant:</strong> ${document.getElementById('fullname').value}</p>
  <p><strong>Email:</strong> ${document.getElementById('email').value}</p>
  <p><strong>Participants:</strong> ${participants}</p>
`;

let total = 0;
const itemsSummary = document.getElementById('selected-events-summary');
itemsSummary.innerHTML = "<h4>Selected Events:</h4>";

selectedEvents.forEach(id => {
  const event = events.find(e => e.id === id);
  const cost = event.fee * participants;
  total += cost;
  itemsSummary.innerHTML += `<p>• ${event.name} (${participants} x ₹${event.fee}) = ₹${cost}</p>`;
});

document.getElementById('final-total').innerText = total;
showView('view-summary');
};

function completeRegistration() {
  alert("Registration Successful! A confirmation email has been sent.");
  // Reset and go back to start
  location.reload();
}

```

4. Online Food Ordering Web Application

Code

HTML

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>FlavorDash | Online Food Ordering</title>

```

```
<link rel="stylesheet" href="style.css">
</head>
<body>

<header>
  <div class="nav-container">
    <h1>Flavor<span>Dash</span></h1>
    <div id="cart-icon" onclick="showSection('cart-section')">
      🛒 Cart (<span id="cart-count">0</span>)
    </div>
  </div>
</header>

<main class="container">
  <section id="menu-section">
    <h2 class="section-title">Our Menu</h2>
    <div class="categories">
      <button class="filter-btn active" onclick="filterMenu('all')">All</button>
      <button class="filter-btn" onclick="filterMenu('Starter')">Starters</button>
      <button class="filter-btn" onclick="filterMenu('Main Course')">Main Course</button>
      <button class="filter-btn" onclick="filterMenu('Dessert')">Desserts</button>
    </div>
    <div class="menu-grid" id="menu-container"></div>
  </section>

  <section id="cart-section" class="hidden">
    <div class="glass-card">
      <h2>Your Order</h2>
      <div id="cart-items"></div>
      <div class="total-box">
        <h3>Total: ₹<span id="cart-total">0</span></h3>
      </div>
      <div class="btn-group">
        <button class="btn btn-secondary" onclick="showSection('menu-section')">Add More Food</button>
        <button class="btn btn-primary" onclick="checkCartAndProceed()">Checkout</button>
      </div>
    </div>
  </section>
</main>
```

```

        </section>

        <section id="form-section" class="hidden">
            <div class="glass-card">
                <h2>Delivery Details</h2>
                <form id="order-form">
                    <input type="text" id="custName" placeholder="Full Name" required>
                    <input type="email" id="custEmail" placeholder="Email Address" required>
                    <input type="tel" id="custPhone" placeholder="10-Digit Mobile" pattern="[0-9]{10}" required>
                    <textarea id="custAddress" placeholder="Full Delivery Address" rows="3" required></textarea>
                    <button type="submit" class="btn btn-primary" style="width: 100%;">Review Order</button>
                </form>
            </div>
        </section>

        <section id="receipt-section" class="hidden">
            <div class="receipt-card">
                <div class="success-banner">Order Confirmed!</div>
                <div id="receipt-content"></div>
                <button class="btn btn-primary" onclick="location.reload()">Order Something Else</button>
            </div>
        </section>
    </main>

    <script src="script.js"></script>
</body>
</html>

```

CSS

```

:root {
    --primary: #ff4757;
    --secondary: #2f3542;
    --accent: #ffa502;
    --bg: #f1f2f6;
}

```

```
body { font-family: 'Poppins', sans-serif; background: var(--bg); margin: 0; color: var(--secondary); }

.container { padding: 2rem 5%; max-width: 1100px; margin: auto; }

.hidden { display: none !important; }

header { background: white; padding: 1rem 5%; box-shadow: 0 2px 10px rgba(0,0,0,0.1); position: sticky; top: 0; z-index: 100; }

.nav-container { display: flex; justify-content: space-between; align-items: center; }

h1 span { color: var(--primary); }

.categories { text-align: center; margin-bottom: 2rem; }

.filter-btn { padding: 8px 20px; margin: 5px; border: none; border-radius: 20px; cursor: pointer; background: white; transition: 0.3s; }

.filter-btn.active { background: var(--primary); color: white; }

.menu-grid { display: grid; grid-template-columns: repeat(auto-fit, minmax(280px, 1fr)); gap: 20px; }

.food-card { background: white; padding: 1.5rem; border-radius: 15px; box-shadow: 0 4px 6px rgba(0,0,0,0.05); }

.food-card h3 { margin: 10px 0 5px; color: var(--primary); }

.food-card .price { font-weight: bold; font-size: 1.2rem; margin: 10px 0; }

.glass-card, .receipt-card { background: white; padding: 2rem; border-radius: 15px; box-shadow: 0 10px 30px rgba(0,0,0,0.1); max-width: 600px; margin: auto; }

.cart-item { display: flex; justify-content: space-between; border-bottom: 1px solid #eee; padding: 10px 0; }

.btn { padding: 12px 20px; border: none; border-radius: 8px; cursor: pointer; font-weight: bold; transition: 0.3s; }

.btn-primary { background: var(--primary); color: white; }

.btn-secondary { background: #ced4da; margin-right: 10px; }

input, textarea { width: 100%; padding: 12px; margin: 10px 0; border: 1px solid #ddd; border-radius: 8px; box-sizing: border-box; }

.success-banner { background: #2ed573; color: white; padding: 15px; border-radius: 8px; text-align: center; margin-bottom: 20px; font-weight: bold; }
```

JS

```
const menuItems = [
```

```

        { id: 1, category: "Starter", name: "Paneer Tikka", price: 240, desc: "Grilled cottage cheese with spices." },
        { id: 2, category: "Starter", name: "Chicken Wings", price: 320, desc: "Spicy buffalo style wings." },
        { id: 3, category: "Main Course", name: "Butter Chicken", price: 450, desc: "Rich creamy tomato gravy." },
        { id: 4, category: "Main Course", name: "Dal Makhani", price: 300, desc: "Slow cooked black lentils." },
        { id: 5, category: "Dessert", name: "Gulab Jamun", price: 120, desc: "Warm syrup-soaked milk balls." },
        { id: 6, category: "Dessert", name: "Brownie with Ice Cream", price: 200, desc: "Fudgy brownie with vanilla scoop." }
    ];

let cart = [];

// Initialize Menu
window.onload = () => renderMenu('all');

function renderMenu(category) {
    const container = document.getElementById('menu-container');
    const filtered = category === 'all' ? menuItems : menuItems.filter(i => i.category === category);

    container.innerHTML = filtered.map(item => `
        <div class="food-card">
            <small>${item.category}</small>
            <h3>${item.name}</h3>
            <p>${item.desc}</p>
            <div class="price">₹${item.price}</div>
            <button class="btn btn-primary" onclick="addToCart(${item.id})">Add to Order</button>
        </div>
    `).join('');
}

function addToCart(id) {
    const item = menuItems.find(p => p.id === id);
    const existing = cart.find(c => c.id === id);
    if (existing) {
        existing.qty++;
    } else {

```

```

        cart.push({ ...item, qty: 1 });
    }
    updateCart();
}

function updateCart() {
    document.getElementById('cart-count').innerText = cart.reduce((sum, item) => sum +
item.qty, 0);
    renderCartItems();
}

function renderCartItems() {
    const container = document.getElementById('cart-items');
    let total = 0;
    container.innerHTML = cart.map(item => {
        total += item.price * item.qty;
        return `

            <div class="cart-item">
                <span>${item.name} x ${item.qty}</span>
                <span>₹${item.price * item.qty}</span>
            </div>
        `;
    }).join('');
    document.getElementById('cart-total').innerText = total;
}

function showSection(id) {
    document.querySelectorAll('section').forEach(s => s.classList.add('hidden'));
    document.getElementById(id).classList.remove('hidden');
}

function checkCartAndProceed() {
    if (cart.length === 0) return alert("Your cart is empty!");
    showSection('form-section');
}

document.getElementById('order-form').onsubmit = (e) => {
    e.preventDefault();
    const details = {
        name: document.getElementById('custName').value,
        email: document.getElementById('custEmail').value,
        phone: document.getElementById('custPhone').value,
    }
}

```

```

        address: document.getElementById('custAddress').value
    } ;
    generateReceipt(details);
};

function generateReceipt(user) {
    const content = document.getElementById('receipt-content');
    let total = document.getElementById('cart-total').innerText;

    content.innerHTML = `
        <p><strong>Customer:</strong> ${user.name}</p>
        <p><strong>Phone:</strong> ${user.phone}</p>
        <p><strong>Delivery Address:</strong> ${user.address}</p>
        <hr>
        <h4>Items Ordered:</h4>
        ${cart.map(i => `<p>${i.name} x ${i.qty} - ₹${i.price * i.qty}</p>`).join('')}
        <hr>
        <h3>Grand Total: ₹${total}</h3>
    `;
    showSection('receipt-section');
}

function filterMenu(cat) {
    document.querySelectorAll('.filter-btn').forEach(b =>
b.classList.remove('active'));
    event.target.classList.add('active');
    renderMenu(cat);
}

```

5. Online Student Course Enrollment System

Code

Html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>EduEnroll | Student Course Portal</title>
    <link rel="stylesheet" href="style.css">

```

```

</head>
<body>

<div class="enroll-container">
  <header>
    <h1>Edu<span>Enroll</span></h1>
    <p>University Course Registration Portal</p>
  </header>

  <section id="step1">
    <div class="card">
      <h3>Step 1: Student Information</h3>
      <form id="student-form">
        <div class="form-group">
          <input type="text" id="sName" placeholder="Full Name" required>
          <input type="text" id="sReg" placeholder="Registration Number (e.g. 24BCE1234)" required>
        </div>
        <div class="form-group">
          <input type="email" id="sEmail" placeholder="Email Address" required>
          <input type="tel" id="sPhone" placeholder="Phone Number (10 Digits)" required>
        </div>
        <button type="submit" class="btn-primary">Verify & Proceed</button>
      </form>
    </div>
  </section>

  <section id="step2" class="hidden">
    <div class="card">
      <h3>Step 2: Select Your Courses</h3>
      <div id="course-list">
        </div>
      <div class="fee-banner">
        Total Enrollment Fee: <strong>₹<span id="total-fee">0</span></strong>
      </div>
      <div class="btn-group">
        <button class="btn-secondary" onclick="showStep(1)">Back</button>
        <button class="btn-primary" onclick="proceedToSummary()">Review Enrollment</button>
      </div>
    </div>
  </section>
</div>

```

```

        </div>
    </section>

    <section id="step3" class="hidden">
        <div class="card summary-card">
            <div class="success-icon">✓</div>
            <h3>Enrollment Summary</h3>
            <div id="summary-content"></div>
            <hr>
            <div class="btn-group">
                <button class="btn-secondary" onclick="showStep(2)">Edit Selection</button>
                <button class="btn-success" onclick="finalConfirm()">Confirm Enrollment</button>
            </div>
        </div>
    </section>

    <section id="step4" class="hidden">
        <div class="card receipt">
            <h2>Enrollment Successful!</h2>
            <p>A confirmation email has been sent to your registered ID.</p>
            <div id="final-receipt-data"></div>
            <button class="btn-primary" onclick="window.print()">Print Receipt</button>
            <button class="btn-secondary" onclick="location.reload()">New Registration</button>
        </div>
    </section>
</div>

<script src="script.js"></script>
</body>
</html>

```

CSS

```

:root {
    --edu-blue: #1e3a8a;
    --edu-light: #eff6ff;
    --edu-accent: #3b82f6;
    --success: #10b981;
}

```

```
body { font-family: 'Segoe UI', sans-serif; background-color: #f8fafc; margin: 0; padding: 20px; color: #1e293b; }
.enroll-container { max-width: 900px; margin: auto; }
header { text-align: center; margin-bottom: 30px; }
header h1 span { color: var(--edu-accent); }

.hidden { display: none; }
.card { background: white; padding: 30px; border-radius: 12px; box-shadow: 0 4px 20px rgba(0,0,0,0.08); margin-bottom: 20px; }
h3 { margin-top: 0; border-bottom: 2px solid var(--edu-light); padding-bottom: 10px; color: var(--edu-blue); }

.form-group { display: flex; gap: 15px; margin-bottom: 15px; }
input { flex: 1; padding: 12px; border: 1px solid #cbd5e1; border-radius: 6px; font-size: 1rem; }

/* Course Table Styling */
.course-item { display: grid; grid-template-columns: 50px 1fr 120px 100px; padding: 15px; border-bottom: 1px solid #f1f5f9; align-items: center; }
.course-item:hover { background: var(--edu-light); }
.course-info small { color: #64748b; display: block; }

.fee-banner { background: var(--edu-blue); color: white; padding: 15px; border-radius: 8px; text-align: right; margin: 20px 0; font-size: 1.2rem; }

.btn-primary { background: var(--edu-accent); color: white; border: none; padding: 12px 25px; border-radius: 6px; cursor: pointer; width: 100%; font-size: 1rem; }
.btn-secondary { background: #e2e8f0; border: none; padding: 12px 25px; border-radius: 6px; cursor: pointer; }
.btn-success { background: var(--success); color: white; border: none; padding: 12px 25px; border-radius: 6px; cursor: pointer; }
.btn-group { display: flex; justify-content: space-between; gap: 10px; }

.summary-card { border-top: 8px solid var(--success); }
.success-icon { font-size: 50px; color: var(--success); text-align: center; margin-bottom: 10px; }
```

JS

```
// Course Data Array
const courses = [
```

```

        { id: 'c1', name: 'Web Programming', instructor: 'Dr. Sharma', duration: '4 Months', fee: 5000 },
        { id: 'c2', name: 'Data Structures', instructor: 'Prof. Verma', duration: '6 Months', fee: 7500 },
        { id: 'c3', name: 'Cloud Computing', instructor: 'Dr. Iyer', duration: '3 Months', fee: 6000 },
        { id: 'c4', name: 'Cyber Security', instructor: 'Prof. Reddy', duration: '5 Months', fee: 8500 },
        { id: 'c5', name: 'Artificial Intelligence', instructor: 'Dr. Singh', duration: '6 Months', fee: 10000 }
    ];

let studentData = {};
let selectedCourses = [];

// Load courses on startup
window.onload = () => {
    const container = document.getElementById('course-list');
    container.innerHTML = courses.map(c => `
        <div class="course-item">
            <input type="checkbox" value="${c.id}" onchange="toggleCourse('${c.id}')">
            <div class="course-info">
                <strong>${c.name}</strong>
                <small>Instructor: ${c.instructor}</small>
            </div>
            <span>${c.duration}</span>
            <strong>₹ ${c.fee}</strong>
        </div>
    `).join('');
};

// Handle Step 1: Form Validation
document.getElementById('student-form').onsubmit = (e) => {
    e.preventDefault();

    // Validation Logic
    const phone = document.getElementById('sPhone').value;
    const regNo = document.getElementById('sReg').value;

    if (phone.length !== 10 || isNaN(phone)) {
        alert("Please enter a valid 10-digit phone number.");
        return;
    }
}

```

```

        }

        studentData = {
            name: document.getElementById('sName').value,
            reg: regNo,
            email: document.getElementById('sEmail').value,
            phone: phone
        };

        showStep(2);
    };

    function toggleCourse(id) {
        const course = courses.find(c => c.id === id);
        const index = selectedCourses.findIndex(c => c.id === id);

        if (index > -1) {
            selectedCourses.splice(index, 1);
        } else {
            selectedCourses.push(course);
        }

        // Update total fee display
        const total = selectedCourses.reduce((sum, c) => sum + c.fee, 0);
        document.getElementById('total-fee').innerText = total;
    }

    function proceedToSummary() {
        if (selectedCourses.length === 0) {
            alert("Please select at least one course.");
            return;
        }

        const summaryDiv = document.getElementById('summary-content');
        const total = document.getElementById('total-fee').innerText;

        summaryDiv.innerHTML =
            `

Student: ${studentData.name} (${studentData.reg})



Contact: ${studentData.email} | ${studentData.phone}

Selected Courses:


                ${selectedCourses.map(c => `<li>${c.name} - ₹${c.fee}</li>`).join('')}
            

        `;
    }
}

```

```
        </ul>
        <h3>Total Amount: ₹${total}</h3>
    `;
    showStep(3);
}

function finalConfirm() {
    const receiptDiv = document.getElementById('final-receipt-data');
    receiptDiv.innerHTML = document.getElementById('summary-content').innerHTML;
    showStep(4);
}

function showStep(stepNumber) {
    document.querySelectorAll('section').forEach(s => s.classList.add('hidden'));
    document.getElementById(`step${stepNumber}`).classList.remove('hidden');
}
```