**Snacks Point App (Source code)**

// html file “index.html”

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Snacks Point App</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet"

integrity="sha384-9ndCyUaIbzAi2FUVXJi0CjmCapSmO7SnpJef0486qhLnuZ2cdeRhO02iuK6FUUVM" crossorigin="anonymous">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"

integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw=="

crossorigin="anonymous" referrerpolicy="no-referrer" />

<link rel="stylesheet" href="index.css">

</head>

<body>

<!-- Main Container -->

<div class="row">

<!-- Left Sidebar -->

<nav class="navbar navbar-expand-lg navbar-light bg-light col-md-2">

<div class="sidebar-logo round-logo">

<img src="assets/images/snacks-point-logo.png" alt="logo..." />

</div>

<div class="sidebar-item">

<a href="#">About</a>

</div>

<div class="sidebar-item">

<a href="#">Services</a>

</div>

<div class="sidebar-item">

<a href="#">Your Orders</a>

</div>

<div class="sidebar-item">

<a href="#">Wishlists</a>

</div>

<div class="sidebar-item">

<a href="#">Cart</a>

</div>

<div class="sidebar-item">

<a href="#">Contact Us</a>

</div>

<div class="sidebar-item">

<a href="#">Checkout</a>

</div>

</nav>

<!-- Main Content -->

<section class="hero col-md-8">

<div class="main">

<div class="header row">

<div class="header-item col-md-2">

<i class="fa-sharp fa-solid fa-magnifying-glass"></i>

<span>Search</span>

</div>

<div class="header-item col-md-2">

<i class="fa-solid fa-tag"></i>

<span>Offers</span>

</div>

<div class="header-item col-md-2" onclick="displayCart()">

<i class="fa-sharp fa-solid fa-cart-shopping"></i>

<span id="total-cart-items"></span>

<span>Items</span>

</div>

</div>

<h2 class="menu-category" id="menu-category">Pizza</h2>

<div class="menu container row" id="menu-card">

<!-- HTML is dynamically inserted from JavaScript here based on title -->

</div>

</div>

</section>

<!-- Right Sidebar -->

<section id="menu" class="menu col-md-2">

<div class="right-sidebar">

<div class="header row">

<div class="header-item col-md-2">

<i class="fa-solid fa-circle-user"></i>

<span>Simplilearn!</span>

</div>

</div>

<h2 class="hunt-title">Go for Hunt</h2>

<div class="yellow-line"></div>

<div class="food-items">

<div class="food-item" onclick="updateMenu('Biryani')">

<img src="assets/images/biryani.png" alt="Food Item..." />

<span>Biryani</span>

</div>

<div class="food-item" onclick="updateMenu('Chicken')">

<img src="assets/images/chicken.png" alt="Food Item..." />

<span>Chicken</span>

</div>

<div class="food-item" onclick="updateMenu('Paneer')">

<img src="assets/images/paneer.png" alt="Food Item..." />

<span>Paneer</span>

</div>

<div class="food-item" onclick="updateMenu('Vegetable')">

<img src="assets/images/vegetable.png" alt="Food Item..." />

<span>Vegetable</span>

</div>

<div class="food-item" onclick="updateMenu('Chinese')">

<img src="assets/images/chinese.png" alt="Food Item..." />

<span>Chinese</span>

</div>

<div class="food-item" onclick="updateMenu('South Indian')">

<img src="assets/images/south-indian.png" alt="Food Item..." />

<span>South Indian</span>

</div>

<div class="food-item" onclick="updateMenu('Pizza')">

<img src="assets/images/pizza.png" alt="Food Item..." />

<span>Pizza</span>

</div>

</div>

</div>

</section>

</div>

<!-- Footer -->

<footer class="footer bg-light text-center">

<p>&copy; 2023 Snacks Point App. All rights reserved.</p>

</footer>

<!-- JavaScript -->

<script src="index.js"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"

integrity="sha384-geWF76RCwLtnZ8qwWowPQNguL3RmwHVBC9FhGdlKrxdiJJigb/j/68SIy3Te4Bkz"

crossorigin="anonymous"></script>

</body>

</html>

// CSS File “index.css”

body {

background-color: #f8f9fa;

}

.navbar, .food-items {

display: flex;

flex-direction: column;

}

.sidebar-logo {

padding: 10px;

width: 80%;

}

.round-logo {

background-color: white;

border-radius: 50%;

}

.sidebar-logo>img {

width: 80%;

align-items: center;

justify-content: center;

display: flex;

margin-left: 14px;

}

.sidebar-item, .food-item {

cursor: pointer;

margin-top: 1.6vh;

margin-left: 1.6vw;

width: 100%;

text-align: left;

}

.sidebar-item {

margin-left: 5vw !important;

}

.sidebar-item>a {

text-decoration: none;

color: grey;

}

.sidebar-item>a:hover {

text-decoration: underline;

}

.sidebar-item:hover, .food-item:hover {

background-color: #e4e0e0;

}

.header {

margin: 3vh 0 5vh 0;

cursor: pointer;

}

.header-item {

border: 1px solid #f8256b;

border-radius: 20px;

margin-left: 20px;

color: #f8256b;

font-size: 16px;

width: auto;

}

.hunt-title {

color: #ff869a;

font-weight: bold;

font-family: cursive;

}

.food-item-card {

background-color: #ffdae1;

margin: 1vh 1vw;

}

.food-item>img {

width: 3.5vw;

}

.yellow-line {

border: 2px solid #f88b25;

width: 5.5vw;

}

.menu {

margin-top: 5vh;

}

.menu-category {

color: #f88b25;

font-weight: bold;

font-family: cursive;

}

.food-item-logo {

width: 10vw;

margin: auto;

}

.rating-card {

border-radius: 20px;

margin-left: 20px;

color: #f88b25;

background-color: #070707;

font-size: 16px;

width: auto;

padding: 0.4vh 0.7vw;

margin: 1.5vh 0 0 1vw;

}

.add-to-cart-logo {

padding: 0.3vh 0.5vw;

margin: 1.5vh 1vw 0 0;

width: auto;

}

.item-in-cart {

background-color: #f88b25;

color: white;

}

.card-header-row {

display: flex;

flex-wrap: wrap;

justify-content: space-between;

}

.footer{

position: absolute;

bottom: 0;

width: 100%;

}

.cart-img-logo {

width: 5vw;

margin: auto;

}

// JavaScript File “index.js”

const foodMenu = [

//Pizza Menu

{

logo: "assets/images/pizza.png",

name: "Bacon Pizza",

price: "$44",

rating: "4.5",

isItemInCart: false,

category: "Pizza",

},

{

logo: "assets/images/pizza.png",

name: "Chillipaper Pizza",

price: "$39",

rating: "4.2",

isItemInCart: false,

category: "Pizza",

},

{

logo: "assets/images/pizza.png",

name: "Mariana Pizza",

price: "$38",

rating: "4.7",

isItemInCart: false,

category: "Pizza",

},

{

logo: "assets/images/pizza.png",

name: "Mozerella Pizza",

price: "$42",

rating: "4.3",

isItemInCart: false,

category: "Pizza",

},

{

logo: "assets/images/pizza.png",

name: "Mexican Pizza",

price: "$36",

rating: "4.8",

isItemInCart: false,

category: "Pizza",

},

{

logo: "assets/images/pizza.png",

name: "Mushroom Pizza",

price: "$40",

rating: "4.4",

isItemInCart: false,

category: "Pizza",

},

// Biryani Menu

{

logo: "assets/images/biryani.png",

name: "Hyderabadi Biryani",

price: "$12",

rating: "4.5",

isItemInCart: false,

category: "Biryani",

},

{

logo: "assets/images/biryani.png",

name: "Lucknowi Biryani",

price: "$10",

rating: "4.2",

isItemInCart: false,

category: "Biryani",

},

{

logo: "assets/images/biryani.png",

name: "Kolkata Biryani",

price: "$11",

rating: "4.7",

isItemInCart: false,

category: "Biryani",

},

{

logo: "assets/images/biryani.png",

name: "Bombay Biryani",

price: "$13",

rating: "4.3",

isItemInCart: false,

category: "Biryani",

},

{

logo: "assets/images/biryani.png",

name: "Vegetable Biryani",

price: "$9",

rating: "4.1",

isItemInCart: false,

category: "Biryani",

},

{

logo: "assets/images/biryani.png",

name: "Egg Biryani",

price: "$10",

rating: "4.6",

isItemInCart: false,

category: "Biryani",

},

// Chicken Category

{

logo: "assets/images/chicken.png",

name: "Grilled Chicken",

price: "$12",

rating: "4.5",

isItemInCart: false,

category: "Chicken",

},

{

logo: "assets/images/chicken.png",

name: "Chicken Curry",

price: "$10",

rating: "4.2",

isItemInCart: false,

category: "Chicken",

},

{

logo: "assets/images/chicken.png",

name: "Roasted Chicken",

price: "$14",

rating: "4.8",

isItemInCart: false,

category: "Chicken",

},

{

logo: "assets/images/chicken.png",

name: "Chicken Shawarma",

price: "$8",

rating: "4.3",

isItemInCart: false,

category: "Chicken",

},

{

logo: "assets/images/chicken.png",

name: "Chicken Biryani",

price: "$15",

rating: "4.6",

isItemInCart: false,

category: "Chicken",

},

{

logo: "assets/images/chicken.png",

name: "Fried Chicken",

price: "$9",

rating: "4.4",

isItemInCart: false,

category: "Chicken",

},

// Paneer Category

{

logo: "assets/images/paneer.png",

name: "Paneer Tikka",

price: "$8",

rating: "4.5",

isItemInCart: false,

category: "Paneer",

},

{

logo: "assets/images/paneer.png",

name: "Palak Paneer",

price: "$10",

rating: "4.2",

isItemInCart: false,

category: "Paneer",

},

{

logo: "assets/images/paneer.png",

name: "Paneer Butter Masala",

price: "$12",

rating: "4.8",

isItemInCart: false,

category: "Paneer",

},

{

logo: "assets/images/paneer.png",

name: "Kadai Paneer",

price: "$9",

rating: "4.3",

isItemInCart: false,

category: "Paneer",

},

{

logo: "assets/images/paneer.png",

name: "Paneer Biryani",

price: "$15",

rating: "4.6",

isItemInCart: false,

category: "Paneer",

},

{

logo: "assets/images/paneer.png",

name: "Paneer Paratha",

price: "$6",

rating: "4.4",

isItemInCart: false,

category: "Paneer",

},

// Vegitable Category

{

logo: "assets/images/vegetable.png",

name: "Mixed Vegetable Curry",

price: "$10",

rating: "4.5",

isItemInCart: false,

category: "Vegetable",

},

{

logo: "assets/images/vegetable.png",

name: "Stir-Fried Vegetables",

price: "$12",

rating: "4.2",

isItemInCart: false,

category: "Vegetable",

},

{

logo: "assets/images/vegetable.png",

name: "Grilled Vegetables",

price: "$9",

rating: "4.8",

isItemInCart: false,

category: "Vegetable",

},

{

logo: "assets/images/vegetable.png",

name: "Vegetable Biryani",

price: "$15",

rating: "4.3",

isItemInCart: false,

category: "Vegetable",

},

{

logo: "assets/images/vegetable.png",

name: "Vegetable Salad",

price: "$8",

rating: "4.6",

isItemInCart: false,

category: "Vegetable",

},

{

logo: "assets/images/vegetable.png",

name: "Vegetable Pizza",

price: "$14",

rating: "4.4",

isItemInCart: false,

category: "Vegetable",

},

// South Indian Category

{

logo: "assets/images/south-indian.png",

name: "Dosa",

price: "$6",

rating: "4.5",

isItemInCart: false,

category: "South Indian",

},

{

logo: "assets/images/south-indian.png",

name: "Idli",

price: "$5",

rating: "4.2",

isItemInCart: false,

category: "South Indian",

},

{

logo: "assets/images/south-indian.png",

name: "Vada",

price: "$4",

rating: "4.8",

isItemInCart: false,

category: "South Indian",

},

{

logo: "assets/images/south-indian.png",

name: "Sambar",

price: "$3",

rating: "4.3",

isItemInCart: false,

category: "South Indian",

},

{

logo: "assets/images/south-indian.png",

name: "Rasam",

price: "$4",

rating: "4.6",

isItemInCart: false,

category: "South Indian",

},

{

logo: "assets/images/south-indian.png",

name: "Pongal",

price: "$7",

rating: "4.4",

isItemInCart: false,

category: "South Indian",

},

// Chinese Category

{

logo: "assets/images/chinese.png",

name: "Fried Rice",

price: "$10",

rating: "4.5",

isItemInCart: false,

category: "Chinese",

},

{

logo: "assets/images/chinese.png",

name: "Sweet and Sour Chicken",

price: "$12",

rating: "4.2",

isItemInCart: false,

category: "Chinese",

},

{

logo: "assets/images/chinese.png",

name: "Kung Pao Shrimp",

price: "$14",

rating: "4.8",

isItemInCart: false,

category: "Chinese",

},

{

logo: "assets/images/chinese.png",

name: "Egg Drop Soup",

price: "$8",

rating: "4.3",

isItemInCart: false,

category: "Chinese",

},

{

logo: "assets/images/chinese.png",

name: "Spring Rolls",

price: "$6",

rating: "4.6",

isItemInCart: false,

category: "Chinese",

},

{

logo: "assets/images/chinese.png",

name: "General Tso's Chicken",

price: "$11",

rating: "4.4",

isItemInCart: false,

category: "Chinese",

},

];

let cart = [];

const menuTitle = document.getElementById("menu-category").innerText;

console.log("Menu Title: ", menuTitle);

// Filtering the food menu by category

const menuList = foodMenu.filter((menu) => menu.category === menuTitle);

displayMenuList(menuList);

// Loop through the food menu data and generate HTML for each card

function displayMenuList(menuList) {

const menuCard = document.getElementById("menu-card");

menuCard.innerHTML = ""; // Resetting the inner html if already items present

menuList.forEach((item) => {

const card = document.createElement("div");

card.className = "card food-item-card col-md-3";

const headerDiv = document.createElement("div");

headerDiv.className = "row card-header-row";

const ratingDiv = document.createElement("div");

ratingDiv.className = "rating-card col-md-6";

const ratingStar = document.createElement("i");

ratingStar.className = "fa-solid fa-star";

const ratingSpan = document.createElement("span");

ratingSpan.textContent = item.rating;

const addToCartDiv = document.createElement("div");

addToCartDiv.className = "add-to-cart-logo round-logo col-md-6";

addToCartDiv.id = item.name;

if (cart.find((cartItem) => item.name === cartItem.name)) {

// If item already in cart

item.isItemInCart = true; // displaying it as cart item in UI

addToCartDiv.classList.add("item-in-cart");

}

const addToCartIcon = document.createElement("i");

addToCartIcon.className = "fa-regular fa-heart";

const image = document.createElement("img");

image.src = item.logo;

image.className = "card-img-top food-item-logo";

image.alt = "Food Logo";

const cardBody = document.createElement("div");

cardBody.className = "card-body";

const title = document.createElement("h5");

title.className = "card-title";

title.textContent = item.name;

const price = document.createElement("p");

price.className = "card-text";

price.textContent = "Price: " + item.price;

ratingDiv.appendChild(ratingStar);

ratingDiv.appendChild(ratingSpan);

addToCartDiv.appendChild(addToCartIcon);

headerDiv.appendChild(ratingDiv);

headerDiv.appendChild(addToCartDiv);

card.appendChild(headerDiv);

card.appendChild(image);

card.appendChild(cardBody);

card.onclick = () => addItemToCart(item.name);

cardBody.appendChild(title);

cardBody.appendChild(price);

menuCard.appendChild(card);

});

}

/\*\*

\* To update the menu if a new category is selected by user from right sidebar

\* @param {string} category

\*/

function updateMenu(category) {

document.getElementById("menu-category").innerText = category;

// Filtering the food menu by category

const menuList = foodMenu.filter((menu) => menu.category === category);

displayMenuList(menuList);

}

/\*\*

\*

\* @param {string} itemName

\* @returns

\*/

function addItemToCart(itemName) {

console.log(itemName);

menuItem = foodMenu.find((item) => item.name === itemName);

if (!menuItem?.name) {

alert("Menu Item not found!");

return;

}

const addToCartDiv = document.getElementById(menuItem.name);

if (!menuItem.isItemInCart) {

// If menu item is not in cart

menuItem.isItemInCart = true;

if (addToCartDiv) {

addToCartDiv.classList.add("item-in-cart");

cart.push(menuItem);

document.getElementById("total-cart-items").innerText = cart.length

? cart.length

: "";

}

} else {

removeItemFromCart(menuItem, addToCartDiv);

}

}

/\*\*

\*

\* @param {MenuItems} menuItem

\* @param {HtmlElement} div

\*/

function removeItemFromCart(menuItem, div) {

menuItem.isItemInCart = false;

cart.splice(cart.indexOf(menuItem), 1);

div.classList.remove("item-in-cart");

document.getElementById("total-cart-items").innerText = cart.length

? cart.length

: "";

}

function emptyCart() {

cart = [];

}

function displayCart() {

const menuCard = document.getElementById("menu-card");

menuCard.innerHTML = ""; // Resetting the inner html if already items present

document.getElementById("menu-category").innerText = '';

const cartBody = document.createElement("div");

cartBody.className = "cart-body";

// Create the heading

const heading = document.createElement("h2");

heading.textContent = "Items Added in Wishlist";

cartBody.appendChild(heading);

// Create the table

const table = document.createElement("table");

table.className = "table table-borderless";

// Create the table head

const thead = document.createElement("thead");

const headRow = document.createElement("tr");

const headItem1 = document.createElement("th");

headItem1.scope = "col";

headItem1.textContent = "Item";

const headItem2 = document.createElement("th");

headItem2.scope = "col";

headItem2.textContent = "Name";

const headItem3 = document.createElement("th");

headItem3.scope = "col";

headItem3.textContent = "Price ($)";

headRow.appendChild(headItem1);

headRow.appendChild(headItem2);

headRow.appendChild(headItem3);

thead.appendChild(headRow);

table.appendChild(thead);

// Create the table body

const tbody = document.createElement("tbody");

// Adding items in cart dynamically

cart.forEach((item) => {

const row = document.createElement("tr");

const logoCell = document.createElement("td");

const logoImg = document.createElement("img");

logoImg.src = item.logo;

logoImg.className = "cart-img-logo";

logoImg.alt = "Food Logo";

logoCell.appendChild(logoImg);

const nameCell = document.createElement("td");

nameCell.textContent = item.name;

const priceCell = document.createElement("td");

priceCell.textContent = item.price;

row.appendChild(logoCell);

row.appendChild(nameCell);

row.appendChild(priceCell);

tbody.appendChild(row);

});

// Create the total row

const totalRow = document.createElement("tr");

const emptyCell = document.createElement("td");

const emptyCell2 = document.createElement("td");

const totalCell = document.createElement("td");

const totalAmt = cart.reduce(

(total, item) => total + Number(item.price.substring(1)),

0

);

totalCell.textContent = "$" + totalAmt;

totalRow.appendChild(emptyCell);

totalRow.appendChild(emptyCell2);

totalRow.appendChild(totalCell);

tbody.appendChild(totalRow);

table.appendChild(tbody);

cartBody.appendChild(table);

menuCard.appendChild(cartBody);

}