Michael Stiffler

2731139

03/22/2022

CIS 408 LAB 3 CODE

mstiff2731139.html:

<!DOCTYPE html>

<html>

<head>

  <title>CIS 408 Project 3</title>

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link rel="stylesheet" href="styles/p3.css" />

  <script src="scripts/main.js"></script>

  <script src="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.9.0/moment.js"></script>

</head>

<body>

  <h1>Clickable Dropdown</h1>

  <h4>Click on the button to open the dropdown menu.</h4>

  <div class="dropdown">

    <button class="dropbtn">Dropdown</button>

    <div class="dropdown-content">

        <a href="#" onclick="showName()">NAME</a>

        <a href="#" onclick="showAdress()">ADDRESS</a>

        <a href="#" onclick="showHours()">BUSINESS HOURS</a>

        <a href="#" onclick="showMenu()">MENU</a>

        <a href="#" onclick="showServicesAndFeatures()">SERVICES and FEATURES</a>

    </div>

   </div>

   <div class="items">

    <div class="left">

    <div class="item-1">

        <h2>Name:</h2>

        <p id="name"></p>

    </div>

    <div class="item-2">

        <h2>Full Address:</h2>

        <p  id="address"></p>

    </div>

    <div class="item-3">

        <h2>Hours:</h2>

        <p id="Monday"></p>

        <p id="Tuesday"></p>

        <p id="Wednesday"></p>

        <p id="Thursday"></p>

        <p id="Friday"></p>

        <p id="Saturday"></p>

        <p id="Sunday"></p>

    </div>

    <div class="item-4">

        <h2>Menu:</h2>

        <p id="menu">Filled out for project 4</p>

    </div>

    </div>

    <div class="right">

    <div class="item-5">

        <h2 id="s&f">Services And Features:</h2>

    </div>

    </div>

   </div>

</body>

<html>

Main.js

*let* myObj = {

    "business\_id": "5UmKMjUEUNdYWqANhGckJw",

    "full\_address": "4734 Lebanon Church Rd\nDravosburg, PA 15034",

    "hours": {

      "Friday": {

        "close": "21:00",

        "open": "11:00"

      },

      "Tuesday": {

        "close": "21:00",

        "open": "11:00"

      },

      "Thursday": {

        "close": "21:00",

        "open": "11:00"

      },

      "Wednesday": {

        "close": "21:00",

        "open": "11:00"

      },

      "Monday": {

        "close": "21:00",

        "open": "11:00"

      }

    },

    "open": true,

    "categories": [

      "Fast Food",

      "Restaurants"

    ],

    "city": "Dravosburg",

    "review\_count": 4,

    "name": "Mr Hoagie",

    "neighborhoods": [],

    "longitude": -79.9007057,

    "state": "PA",

    "stars": 4.5,

    "latitude": 40.3543266,

    "attributes": {

      "Take-out": true,

      "Drive-Thru": false,

      "Good For": {

        "dessert": false,

        "latenight": true,

        "lunch": true,

        "dinner": true,

        "brunch": true,

        "breakfast": true

      },

      "Caters": false,

      "Noise Level": "average",

      "Takes Reservations": true,

      "Delivery": false,

      "Ambience": {

        "romantic": true,

        "intimate": false,

        "classy": false,

        "hipster": true,

        "divey": false,

        "touristy": false,

        "trendy": true,

        "upscale": false,

        "casual": true

      },

      "Parking": {

        "garage": false,

        "street": true,

        "validated": false,

        "lot": true,

        "valet": false

      },

      "Has TV": true,

      "Outdoor Seating": true,

      "Attire": "casual",

      "Alcohol": "none",

      "Waiter Service": true,

      "Accepts Credit Cards": true,

      "Good for Kids": true,

      "Good For Groups": true,

      "Price Range": 2

    },

    "type": "business"

}

*let* nameShown = false

*let* addressShown = false

*let* hoursShown= false

*let* menuShown = false

*let* sfShown = false

*let* parsed = false;

*function* showName() {

*let* name = document.getElementById("name");

*let* nameDiv = document.getElementsByClassName("item-1")[0]

    if(nameShown){

      name.style.display = "none";

      nameDiv.style.display = "none";

      nameShown = false;

    }

    else{

*let* restaurant = JSON.parse(JSON.stringify(myObj));

      name.textContent = restaurant["name"]

      name.style.display = "block";

      nameDiv.style.display = "block";

      nameShown = true;

    }

}

*function* showAdress() {

*let* address = document.getElementById("address");

*let* addressDiv = document.getElementsByClassName("item-2")[0]

    if(addressShown){

      address.style.display = "none";

      addressDiv.style.display = "none";

      addressShown = false;

    }

    else{

*let* restaurant = JSON.parse(JSON.stringify(myObj));

      address.textContent = restaurant["full\_address"]

      address.style.display = "block";

      addressDiv.style.display = "block";

      addressShown = true;

    }

}

*function* showHours() {

*let* hoursDiv = document.getElementsByClassName("item-3")[0]

*let* restaurant = JSON.parse(JSON.stringify(myObj));

*let* cleaned\_hours = {

        "Monday": {"close": "Closed", "open": "Closed"},

        "Tuesday": {"close": "Closed", "open": "Closed"},

        "Wednesday": {"close": "Closed", "open": "Closed"},

        "Thursday": {"close": "Closed", "open": "Closed"},

        "Friday": {"close": "Closed", "open": "Closed"},

        "Saturday": {"close": "Closed", "open": "Closed"},

        "Sunday": {"close": "Closed", "open": "Closed"}

    }

*let* hours = restaurant["hours"]

    if(hoursShown){

      hoursDiv.style.display = "none";

      hoursShown = false;

    } else{

    for(day in hours){

        cleaned\_hours[day].close = convertToStandard(hours[day].close).toLowerCase()

        cleaned\_hours[day].open = convertToStandard(hours[day].open).toLowerCase()

    }

    for(day in cleaned\_hours){

        document.getElementById(day).textContent = day + "\t\t" + cleaned\_hours[day].open + " - " + cleaned\_hours[day].close

    }

    hoursDiv.style.display = "block";

    hoursShown = true;

  }

}

*function* showMenu() {

*let* menuDiv = document.getElementsByClassName("item-4")[0]

  if(menuShown){

    menuDiv.style.display = "none";

    menuShown = false;

  }else {

    menuDiv.style.display = "block";

    menuShown = true;

  }

}

*function* showServicesAndFeatures() {

*let* sfDiv = document.getElementsByClassName("item-5")[0]

*let* restaurant = JSON.parse(JSON.stringify(myObj));

*let* attributes = restaurant["attributes"]

*let* text = []

    if(!parsed){

      for(item in attributes){

          if(attributes[item] instanceof *Object*){

              for(subitem in attributes[item]){

                  if(attributes[item][subitem] == true){

                      text.push(item + " " + subitem);

                  }

              }

          }

          else{

              if(attributes[item] == true){

                  text.push(item);

              }

          }

      }

      parsed = true;

    }

*let* attributsElement = document.getElementById("s&f")

    if(sfShown){

      sfDiv.style.display = "none";

      sfShown = false;

    } else {

    for(*let* x = text.length; x > 0; x--){

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

        p.textContent = text[x];

        attributsElement.parentNode.insertBefore(p, attributsElement.nextSibling)

    }

    sfDiv.style.display = "block";

    sfShown = true;

  }

}

*function* convertToStandard(*time*) {

    return moment(*time*, 'HH:mm').format('h:mm A');

}

P3.css

.dropbtn {

*background-color*: lightcoral;

*color*: white;

*padding*: 16px;

*font-size*: 16px;

*border*: none;

*cursor*: pointer;

}

.dropbtn:hover,

.dropbtn:focus {

*display*: block;

}

.dropdown {

*position*: relative;

*display*: inline-block;

}

.dropdown-content {

*display*: none;

*position*: absolute;

*background-color*: #f9f9f9;

*min-width*: 160px;

*overflow*: auto;

*box-shadow*: 0px 8px 16px 0px rgba(138, 69, 69, 10);

}

.dropdown-content a {

*color*: black;

*padding*: 12px 16px;

*text-decoration*: none;

*display*: block;

}

.dropdown-content a:hover {

*background-color*: rgb(235, 188, 188);

*display*: block;

}

.dropdown:hover .dropdown-content {

*display*: block;

}

.items {

*padding-left*: 20%;

*overflow*: hidden;

}

.left {

*float*: left;

}

.right {

*float*: left;

*padding-left*: 6%;

}

.item-1,

.item-2,

.item-3,

.item-4,

.item-5 {

*display*: none;

}

h2 {

*color*: darkorange;

}

p {

*color*: orange;

}