

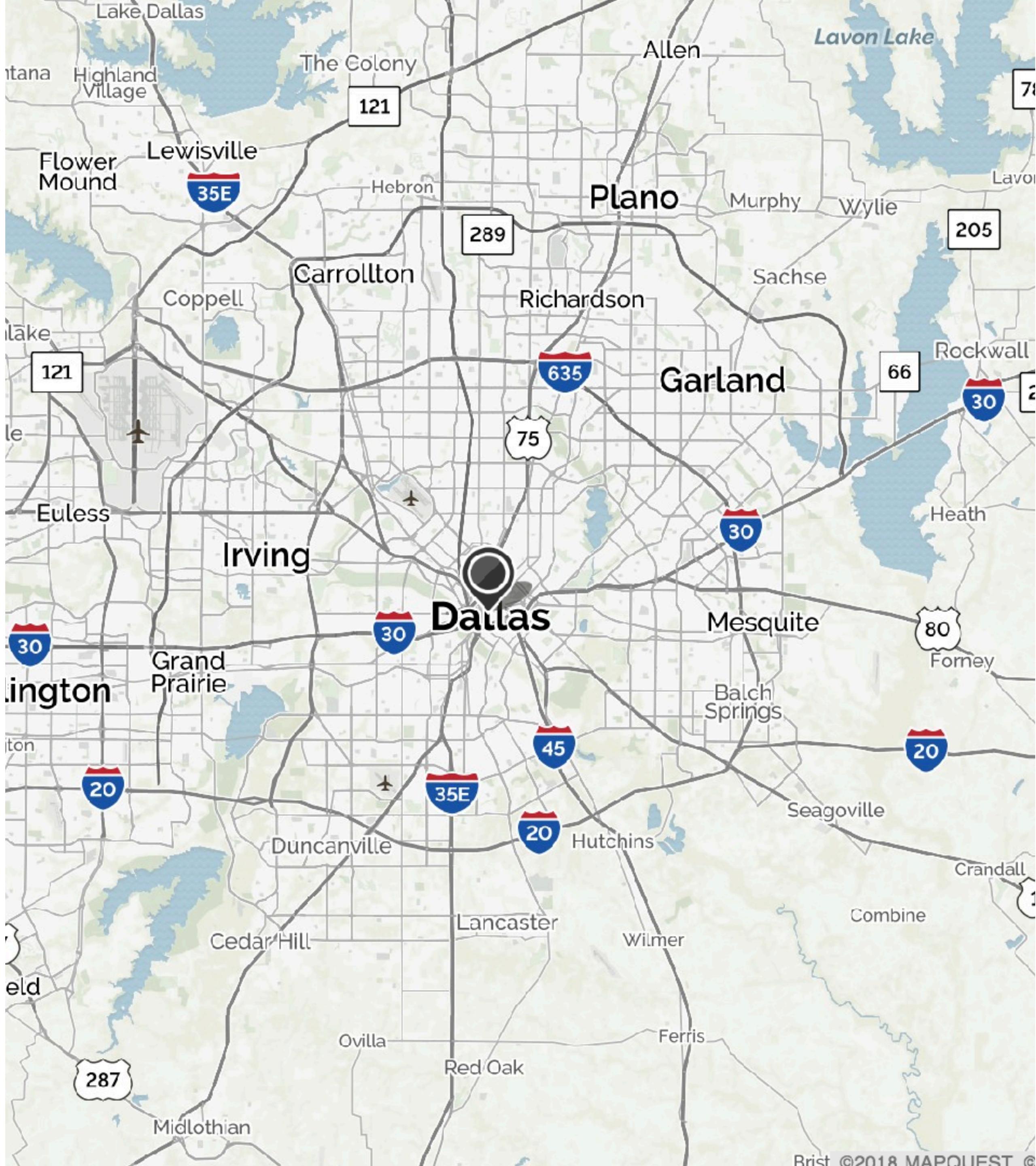


A search engine for foodies. No matter where you are, find the foods that fit your mood.

FOOD FINDER

OVERALL CONCEPT

To build an app that would help users find places to eat near their location



MOTIVATION FOR FOOD FINDER

Food – and the experience of discovering it



TARGET AUDIENCE

People who love food, who enjoy searching for new places and new experiences



DESIGN PROCESS

Structure
the HTML

Design with
CSS

Build the JS

Call the APIs

HTML

```
1 <!doctype html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
6     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.2/css/bootstrap.min.css" integrity="sha384-Smlep5jCw/wG7hdhQ/Z5nLiefveQRIY9nty6xoRluRYBtpZgi6339F5dg" crossorigin="anonymous">
7     <title>Restaurant Search</title>
8   </head>
9   <body>
10
11   <div class="jumbotron">
12     <div class="bing">
13       <nav class="navbar navbar-light bg-light">
14
15         <a class="navbar-brand" href="#">
16           
17           Food Finder</a>
18         </a>
19
20         <form class="form-inline">
21
22           <div class="dropdown">
23
24             <a class="btn btn-secondary dropdown-toggle" href="#" role="button" id="dropdownMenuLink" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
25               Cuisines
26             </a>
27
28             <div class="dropdown-menu" aria-labelledby="dropdownMenuLink" id="dropdownchoice">
29               <a class="dropdown-item" href="#" value="4d4b7105d754a06374d81259" id="Cuisines">All Foods</a>
30               <a class="dropdown-item" href="#" value="4bf58dd8d48986d14e941735" id="American">American</a>
31               <a class="dropdown-item" href="#" value="4bf58dd8d48986d142941735" id="Asian">Asian</a>
32               <a class="dropdown-item" href="#" value="4bf58dd8d48988d179941735" id="Bagels">Bagels</a>
33               <a class="dropdown-item" href="#" value="4bf58dd8d48988d16e941735" id="Bakery">Bakery</a>
34               <a class="dropdown-item" href="#" value="52e81612bcbc57f1066b79f1" id="Bistro">Bistro</a>
35               <a class="dropdown-item" href="#" value="4bf58dd8d48988d1df931735" id="BBQ">BBQ Joint</a>
36               <a class="dropdown-item" href="#" value="4bf58dd8d48988d1c0931735" id="Coffee-Shop">Coffee Shop</a>
37               <a class="dropdown-item" href="#" value="4bf58dd8d48988d146941735" id="Deli-Bodega">Deli/Bodega</a>
38               <a class="dropdown-item" href="#" value="4bf58dd8d48988d147941735" id="Diner">Diner</a>
39               <a class="dropdown-item" href="#" value="4bf58dd8d48988d10c941735" id="French">French</a>
40               <a class="dropdown-item" href="#" value="4bf58dd8d48988d10f941735" id="Indian">Indian</a>
41               <a class="dropdown-item" href="#" value="4bf58dd8d48988d110941735" id="Italian">Italian</a>
42               <a class="dropdown-item" href="#" value="4bf58dd8d48988d1be941735" id="Latin-American">Latin American</a>
43               <a class="dropdown-item" href="#" value="4bf58dd8d48988d1c1941735" id="Mexican">Mexican</a>
44               <a class="dropdown-item" href="#" value="4bf58dd8d48988d1d3941735" id="Vegetarian-Vegan">Vegetarian/Vegan</a>
45             </div>
46           </div>
47
48           <input class="form-control mr-sm-2" type="search" placeholder="Zip Code" aria-label="Search" id="zipcode">
49           <button class="btn btn-outline-success my-2 my-sm-0" type="submit" id="submit">Search</button>
50
51         </form>
52       </nav>
53
54     <div class="container-fluid">
55       <p class="description">
56         <i>A search engine for foodies. Find the top spots near you for the best food experience according to other foodies like
57         you. Food Finder will help you to find the best place to eat based on location and cuisine preferences.</i>
58       </p>
59     </div>
60
61     <br>
62
63     <div class="container">
64       <div class="row">
65
66         <div class="col-md-6">
67           <div id="filterOutput"></div>
68         </div>
69
70         <div class="col-md-6">
71           <h4 id="info">Restaurant Info:</h4>
72           </div>
73
74         </div>
75       </div>
76
77       <div class="col-md-12">
78         <div id="map"></div>
79       </div>
80
81     </div>
82   </div>
83
84   <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
85   <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.2/js/bootstrap.min.js" integrity="sha384-o+RDa@Lu++PJvFqy8fFScvbHPLtbScb8AjopnFD+iEQ7wo/CG0xlczd+20/em" crossorigin="anonymous"></script>
86   <script src="script.js"></script>
87
88 </body>
89 </html>
```

JAVASCRIPT

```
lientSecret = "L55FJG100SMITTSRCANFNKS8JINP4A50H0T1BEVYMKQ6GZU";
y = "XtQUs6317Ym4md9xenfZbTNgBR3u6Vjt";
categoryType = "4d4b7105d754a06374d81259";

odSearch = "";
cationSearch = "";
iceChoice = "";
eLat = "";
eLng = "";

dropdown-item").click(function (event) {
categoryType = $(this).attr("value");
$("#dropdownMenuLink").text($(this).attr("id"));

hmit").click(function (event) {
"#filterOutput").html("");
ent.preventDefault();

cationSearch = $("#zipcode").val().trim();

urlLink = "https://api.foursquare.com/v2/venues/search?near=" + locationSearch + "&category_id=" + categoryType + "&client_id=" + clientId + "&client_secret=" + clientSecret + "&v=20182107";

ajax({
url: urlLink,
method: "GET"

.then(function (response) {
var theCall = response.data;
for (x = 0; x < response.response.venues.length; x++) {
var theList = $("<button>");
theList.addClass("userchoices");
theList.attr("value", response.response.venues[x].id);
$(theList).text(response.response.venues[x].name);
$("#filterOutput").append(theList);
}

userchoices").click(function (event) {
ent.preventDefault();
urlTwo = "https://api.foursquare.com/v2/venues/" + this.value + "?&client_id=" + clientId + "&client_secret=" + clientSecret + "&v=20182107";
console.log(event);
ajax({
url: urlTwo,
method: "GET"

.then(function (response) {
console.log(response);
var resultsTwo = response.data;
$("#info").html("");

var cardDiv = $("<div>");
var bestImg = $("<img>");
var hoursInf = $("<p>");

var name = $("<p>").text("Restaraunt Name: " + response.response.venue.name);
var location = $("<p>").text("Location: " + response.response.venue.location.formattedAddress);

theLat = response.response.venue.location.lat;
theLng = response.response.venue.location.lng;

$("#info").append(cardDiv);
cardDiv.append(name);
cardDiv.append(location);

if (response.response.venue.hours) {
if (response.response.venue.hours.isOpen === true) {
hoursInf.text("Its open! " + response.response.venue.hours.status);
cardDiv.append(hoursInf);
}
else if (response.response.venue.hours.isOpen === false) {
hoursInf.text("Its Closed. " + response.response.venue.hours.status);
cardDiv.append(hoursInf);
}
}
else {
hoursInf.text("No Hours Information Available.");
cardDiv.append(hoursInf);
}

if (response.response.venue.bestPhoto) {
bestImg.attr("src", response.response.venue.bestPhoto.prefix + "450" + "x" + "400" + response.response.venue.bestPhoto.suffix);
cardDiv.append(bestImg);
}

else {
bestImg = $("<p>");
bestImg.text("NO IMAGE AVAILABLE");
cardDiv.append(bestImg);
}

if (response.response.venue.menu) {
var menu = $("<a>");
menu.text("View Menu")
menu.attr("href", response.response.venue.menu.url);
menu.attr("target", "_blank");
cardDiv.append(menu);
}
```

API USAGE

FOURSQUARE



DATABASE USAGE

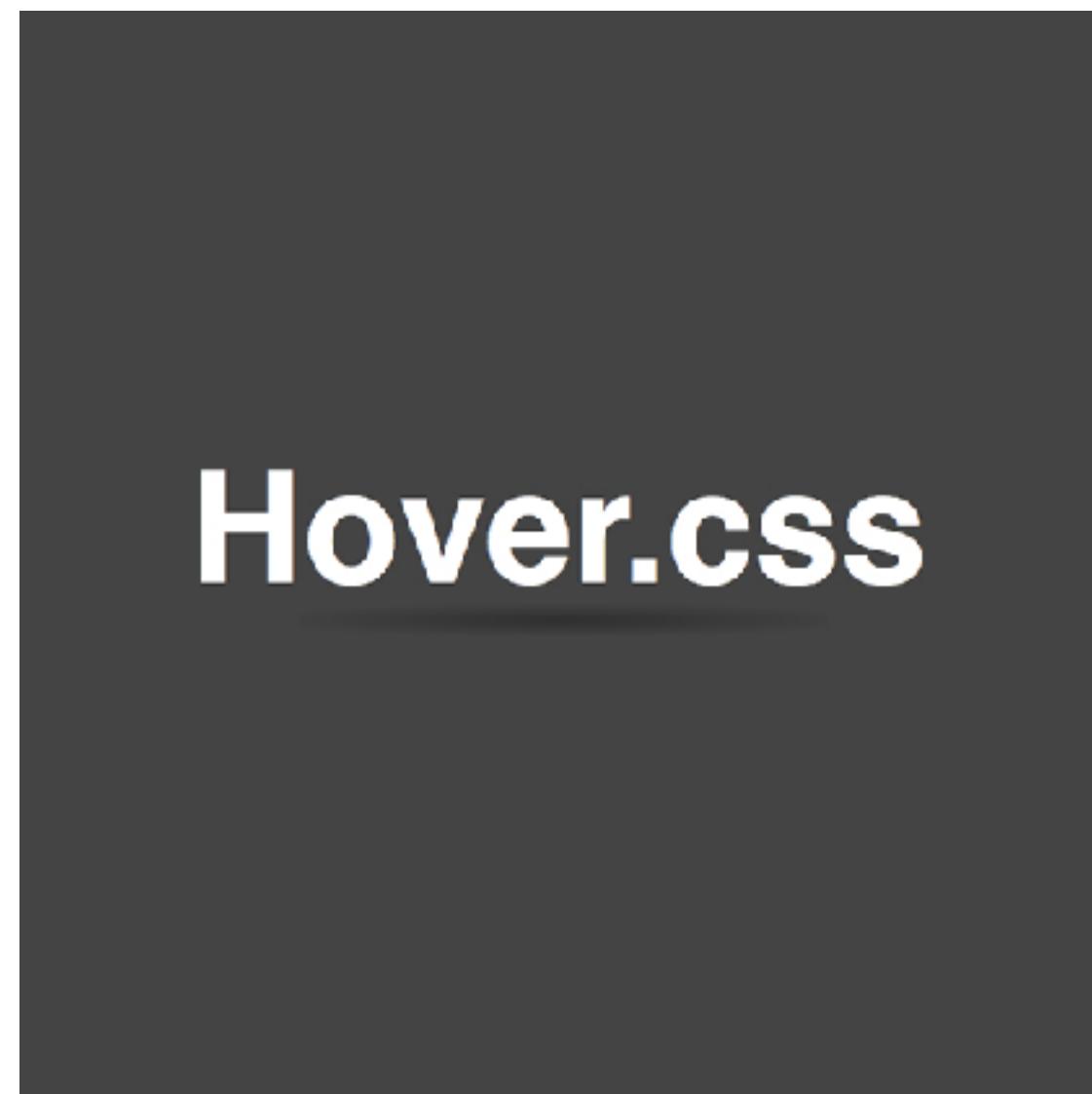


Firebase

CSS

```
53 .btn.btn.btn-secondary:hover{background-color: #237228;}  
54 .btn.btn.btn-secondary:hover{color: white;}  
55 .btn.btn-secondary {  
56   color: white;  
57   font-weight: bold;  
58   background-color: red;  
59   border-color: #237228;  
60   border-spacing: 3px 3px;  
61   margin: 0 auto;  
62   width: 0 auto;  
63   margin-left: 200 px;  
64   margin-right: 400px;  
65 }  
66  
67 a.dropdown-item {  
68   display: block;  
69   margin: 0 auto;  
70   width: 100%;  
71   padding: .25rem 1.5rem;  
72   clear: both;  
73   font-weight: 400;  
74   color: #237228;  
75   font-weight: bold;  
76   text-align: inherit;  
77   white-space: nowrap;  
78   background-color: white;  
79   border-spacing: 3px 3px;  
80 }  
81  
82 .dropdown-menu{  
83   margin: 0 auto;  
84   width: 100px;  
85 }  
86  
87 .description {  
88   text-align: center;  
89   color: #rgb(160,225,245);  
90   font-weight: bold;  
91   margin-left: 50px;  
92   margin-right: 50px;  
93 }  
94  
95  
96 .btn.btn-outline-success:hover{background-color: #237228;}  
97 .btn.btn-outline-success:hover{color: white;}  
98 .btn.btn-outline-success{  
99   background-color: red;  
100  color: #rgb(160, 225, 245);  
101  font-weight: bold;  
102 }  
103  
104 .form-control.mr-sm-2:hover{background-color: lemonchiffon;}  
105 .form-control.mr-sm-2:hover{color: #rgb(64, 24, 87);}  
106  
107  
108 body.background{  
1   margin: 0;  
2   padding: 0;  
3   height: 0 auto;  
4   width: 100px;  
5 }  
6  
7 form {  
8   color: #rgb(64, 24, 87);  
9 }  
10  
11 .form-inline {  
12   color: #rgb(160, 225, 245);  
13 }  
14  
15  
16 h1 {  
17   font-size: 72px;  
18   font-family: 'Kaushan Script', cursive;  
19   color: white;  
20   font-weight: 700px;  
21   text-align: center;  
22   margin-top: .5rem;  
23   margin-bottom: .1rem;  
24   line-height: 1.1;  
25 }  
26  
27 .info {  
28   color: #rgb(64, 24, 87);  
29 }  
30 p{  
31   color: white;  
32   text-align: center;  
33   font-style: italic;  
34   font-weight: bold;  
35 }  
36  
37 .bg-light {  
38   background-color: transparent;  
39   color: transparent;  
40 }  
41  
42 .navbar{  
43   height: 0 auto;  
44   width: 0 auto;  
45   color: transparent;  
46   background-color: transparent;  
47 }  
48 .navbar-brand{  
49   background-color: transparent;  
50   color: transparent;  
51 }  
52  
53  
54 .btn.btn.btn-secondary:hover{background-color: #237228;}  
55 .btn.btn.btn-secondary:hover{color: white;}  
56 .btn.btn-secondary {  
57   color: white;  
58   font-weight: bold;  
59 }
```

LIBRARIES



THE FUTURE OF FOOD FINDER

Develop ability to search by review

Create geolocation for more specified results

Adding form functionality – adding/reading reviews, comments and uploading user photos





THANK YOU