```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Project Honeycomb- Locate A Scooter</title> <!--Title of our Project and site
for what this would have been added onto -->
<script type = "text/javascript" src = "Project Honeycomb- Locate A
Scooter.js"></script> <!--Link to our Javascrip used to create the different
functions -->
<link type="text/css" rel="stylesheet" href="Project Honeycomb- Locate A
Scooter.css"> <!--Link to our Cascading Style Sheets used to design the website -->
</head>
<body onload = "getAllLocationOfScooters()"> <!--Calls the function from our
Javascipt to get random locations for all of our scooters open for use -->
<img src = "images/honeycomb.png" class = "image"> <!-- Logo for our mock company is
here -->
<h1 class = "heading">Scooter Location Page</h1> <!--Title on the page for our Mock
Company -->
<div id = "payScreen"> <!--Identifies what is inside of the location page so that it
can be displayed as none to navigate to other pages -->
<h2 class = "locationDropdown" id = "numberOfScootersInUse"></h2> <!--Shows the
number of scooters in use at the time -->
<h2 class = "locationDropdown" id = "scooterChosen"></h2> <!--Shows the scooter ID
that has the same location as the user as input from a function -->
<div><iframe class = "maps" id = "bankMap" src =
"https://www.google.com/maps/embed?pb=!1m28!1m12!1m3!1d6000.727719365249!2d-96.19807
637572109!3d41.23563143527273!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f
13.1!4m13!3e6!4m5!1s0x8793f054ce28dcc1%3A0x63950dfc80f37396!2s2422%20S%20179th%20St%
2C%20Omaha%2C%20NE%2068130!3m2!1d41.2379326!2d-96.195588!4m5!1s0x
8793f1005cde92a9%3A0x31131c846d0ef1f2!2s2720%20S%20177th%20St%2C%20Omaha%2C%20NE%206
8130!3m2!1d41.2334035!2d-96.1930557!5e0!3m2!1sen!2sus!4v160746155
0071!5m2!1sen!2sus" width = "400" height = "400" frameborder = "0" style =
"border:0; " allowfullscreen = "" aria-hidden = "false" tabindex =
"0"></iframe></div>


                        <!--Displays the Map for the Bank Scooter Location -->
<div><iframe class = "maps" id = "hotelMap" src =
"https://www.google.com/maps/embed?pb=!1m28!1m12!1m3!1d1500.1879940475771!2d-96.1924
3837240566!3d41.235367203168906!2m3!1f0!2f0!3f0!3m2!1i1024!2i768
!4f13.1!4m13!3e2!4m5!1s0x8793f100bb7910e9%3A0xe56ed0d4cc9480b2!2sPanera%20Bread!3m2!
1d41.2347008!2d-96.1932909!4m5!1s0x8793f1aa0e621213%3A0xd3853eac
42f78cdf!2sHampton%20Inn%20Omaha%20West-Lakeside!3m2!1d41.236253!2d-96.1906511!5e0!3
m2!1sen!2sus!4v1607545389504!5m2!1sen!2sus" width = "400"
height = "400" frameborder = "0" style = "border:0; " allowfullscreen = ""
aria-hidden = "false" tabindex = "0"></iframe></div>

                                                                        <!--Displays
the Map for the Bob and Judy's Hotel Scooter Location -->
<div><iframe class = "maps" id = "schoolMap" src =
```

```
"https://www.google.com/maps/embed?pb=!1m28!1m12!1m3!1d5999.497251537959!2d-96.14005
41259982!3d41.249033225269066!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4
f13.1!4m13!3e2!4m5!1s0x8793f23815e8952f%3A0xd95978ac327e2942!2sBoys%20Town%20Interna
l%20Medicine%20Clinic!3m2!1d41.249822099999996!2d-96.13485779999
999!4m5!1s0x8793f23b3b6f9c27%3A0xec607b6cdec9f91b!2sMillard%20North%20High%20School!
3m2!1d41.2503779!2d-96.1410999!5e0!3m2!1sen!2sus!4v1607545531760
!5m2!1sen!2sus" width = "400" height = "400" frameborder = "0" style = "border:0; "
allowfullscreen = "" aria-hidden = "false" tabindex = "0"></iframe></div>


<!--Displays the Map for the North High School Scooter Location -->
<div><iframe class = "maps" id = "stadiumMap" src =
"https://www.google.com/maps/embed?pb=!1m28!1m12!1m3!1d5998.228505382927!2d-96.10179
872613588!3d41.26284818621259!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4
f13.1!4m13!3e2!4m5!1s0x8793f29214f7d6cb%3A0xd9b3ac2bff08ae09!2sRUSSELL%20SPEEDERS%20
CAR%20WASH!3m2!1d41.2636806!2d-96.09838889999999!4m5!1s0x8793f28b
6591683d%3A0x7d10321163ea079b!2sOmaha%20Burke%20Stadium%2C%20Burke%20Street%2C%20Oma
ha%2C%20NE!3m2!1d41.261252899999995!2d-96.1056014!5e0!3m2!1sen!2s
us!4v1607545677420!5m2!1sen!2sus" width = "400" height = "400" frameborder = "0"
style = "border:0; " allowfullscreen = "" aria-hidden = "false"
tabindex = "0"></iframe></div> <!--Displays the Map for the Redcircle Stadium
Scooter Location -->
<div><iframe class = "maps" id = "officeMape" src = "
https://www.google.com/maps/embed?pb=!1m28!1m12!1m3!1d1499.669399939744!2d-95.850786
83169966!3d41.25795857895415!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4
f13.1!4m13!3e2!4m5!1s0x879384fbc2676917%3A0x599b63e5acd97ffa!2sCouncil%20Bluffs%20Pu
blic%20Library!3m2!1d41.2589616!2d-95.849656!4m5!1s0x879384fb8c
3bc43d%3A0x24ed3a656ac3e855!2sCouncil%20Bluffs%20Mayors%20Office%2C%20Pearl%20Street
%2C%20Council%20Bluffs%2C%20IA!3m2!1d41.257948!2d-95.850853!5e0
!3m2!1sen!2sus!4v1607545811940!5m2!1sen!2sus" width = "400" height = "400"
frameborder = "0" style = "border:0; " allowfullscreen = "" aria-hidden = "false"
tabindex = "0"></iframe></div> <!--Displays the Map for the Mayor's Office Scooter
Location -->
<details class = "locationDropdown1"> <!--Groups all of the neccessary items
together for the dropdown menu -->
<summary class = "dropdown">Current Location</summary> <!--Allows the dropdown menu
to drop down-->
<div onclick = "checkUserLocationToScooterLocation('by the Bank')" class =
"optionLocations">By the Bank</div> <!--First Location Option for the User -->
<div onclick = "checkUserLocationToScooterLocation('by Bob and Judy's Hotel')" class
= "optionLocations">By Bob and Judy's Hotel</div>


                                                    <!--Second Location Option for the
User -->
<div onclick = "checkUserLocationToScooterLocation('by North High School')" class =
"optionLocations">By North High School</div>


                                                          <!--Third Location Option
```

```
for the User-->
<div onclick = "checkUserLocationToScooterLocation('by Redcircle Stadium')" class =
"optionLocations">By Redcircle Stadium</div>


                                                        <!--Forth Location Option
for the User -->
<div onclick = "checkUserLocationToScooterLocation('by the Mayor's Office')" class =
"optionLocations">By the Mayor's Office</div>


                                                        <!--Fifth Location Option
for the User -->
</details>
<button class = "purchase" onclick = "pay()">Purchase</button> <!--Button that calls
the function that would normally navigate the user to the payment page -->
</div>
</body>
</html>
```

```
.heading{
        margin-left: 425px;
        margin-top: -75px;
        font-size: 45pt;
}
.image{
        margin-left: 80px;
}
.locationDropdown{
        text-align: center;
        }
.locationDropdown1{
        display: block;
        float: right;
        margin-top: -25px;
        mragin-right: 100px;
        margin-bottom: 50px;
}
.dropdown{
        font-size: 25pt;
        margin-right:200px;
        padding-left: 15px;
        padding-right: 15px;
}
.optionLocations{
        width: 293px;
        margin-top: 15px;
        font-size: 15pt;
        font-weight: bold;
}
.maps{
        margin-left: 50px;
        display: none;
}
.purchase{
        margin-left: 100px;
        font-size: 15pt;
        margin-top: 50px;
}
```

```
class scooter{  //a group of all the elements needed for functions below
        constructor(){
                this.scooters = ["ETZ5-IG26", "9AHJ-Q81F", "5RM5-KU5I", "8IT5-R3OR",
"ZQXR-3LYV"]; //list of scooters that the user will be interacting with
                this.locations = ["by the Bank", "by Bob and Judy's Hotel", "by
North High School", "by Redcircle Stadium", "by the Mayor's Office"];


//list of possible locations where the scooters and user might be
                this.scooterLocations = []; //list of locations of scooters
corresponding with their same indexed scooter that is in the scootersInUse list
                this.locationChosen = 0; //variable used for a random index for the
scooter(s) location
                this.num = 0; //variable used for the random number needed for the
random location index
                this.numberOfScootersInUse = 10; //variable used to represent the
amount of scooters in use for the site
                this.userAndScooterLocation = 0; //variable used to hold the same
location of the scooter and user
                this.scooterChosen = ""; //variable used to hold the scooter chosen
for the user by the same location
                this.time = 0; //variable used to hold the amount of times that it
has to rerun the random location functions

                                                        //to get the same location for the
user and scooter
                this.locationOfScooterAndUser = ""; //variable used to hold the
location of the same location and user
        }
}

var projectHoneycomb = new scooter(); //new instance of the group of scooter
elements

function getRandomNumber(){ //gets a random number for the location index and stores
the random value in the num variable
        this.projectHoneycomb.num = Math.floor(Math.random() * 5); //uses math
function built into Javascript to receive a random number in the constraint of 5
}

function getRandomLocation(){ //gets a random location using the getRandomNumber()
function and stores it in the variable used for the random index of locations
        getRandomNumber(); //calls the getRandomNumber() function to get a random
number for the random location
        this.projectHoneycomb.locationChosen = this.projectHoneycomb.num; //assigns
the random number to the location of the scooter in question
}

function assignRandomLocationToScooter(){ //puts the random location into the
scooterLocations array so that the location randomly
```

```
//chosen will correspond with a scooter in the scooters array with the same index
number

this.projectHoneycomb.scooterLocations.push(this.projectHoneycomb.locations[this.pro
jectHoneycomb.locationChosen]);
                                                                        //adds the
random location to the list of scooter locations to line up with the scooter
assigned
}

function getAllLocationOfScooters(){ //gets random locations for all the scooters in
the scooters array list
        for(i = 0; i < this.projectHoneycomb.scooters.length; i++){ //used to loop
the calling of the following functions

//until the variable 'i' is equal to the scooters list amount in the list
                getRandomLocation(); // calls the function to get a random location
                assignRandomLocationToScooter(); //calls the function to assign that
random location to a scooter
                console.log(this.projectHoneycomb.scooterLocations);
        }
}

function assignAScooterToTheUser(){ //assigns a scooter with the same location as
the user and increments the numberOfScootersInUse

                                                                //variable along
with displaying it again on the screen
        this.projectHoneycomb.numberOfScootersInUse++; //increments the amount of
scooters up by 1;
        document.getElementById("numberOfScootersInUse").innerHTML = "Number of
Scooters Currently In Use By Happy Riders: "
                + this.projectHoneycomb.numberOfScootersInUse; //updates the amount
of scooters in use shown on the page
        document.getElementById("scooterChosen").innerHTML =
this.projectHoneycomb.scooterChosen +
        " is your scooter chosen nearest to you! Click the button below to pay for
your ride."; //displays the scooter that has the same location as the user
}

function showMapOfScooterLocation(){ //shows which map to show depending on the
location shared by the user and scooter
        if(this.projectHoneycomb.locationOfScooterAndUser == "by the Bank"){
//determines if the shared location is "by the Bank"
                document.getElementById("bankMap").style.display = "block"; //makes
the map of the Bank show
        }
        else if(this.projectHoneycomb.locationOfScooterAndUser == "by Bob and Judy's
Hotel"){ //determines if the shared location is "by the Bob and Judy's Hotel"
```

```
                document.getElementById("hotelMap").style.display = "block"; //makes
the map of the Hotel shows
        }
        else if(this.projectHoneycomb.locationOfScooterAndUser == "by North High
School"){ //determine if the shared location is "by North High School"
                document.getElementById("schoolMap").style.display = "block";
//makes the map of the High School shows
        }
        else if(this.projectHoneycomb.locationOfScooterAndUser == "by Redcircle
Stadium"){ //determines if the shared location is "by Redcircle Stadium"
                document.getElementById("stadiumMap").style.display = "block";
//makes the map of the Stadium shows
        }
        else if(this.projectHoneycomb.locationOfScooterAndUser == "by the Mayor's
Office"){ //determines if the shared location is "by the Mayor's Office"
                document.getElementById("officeMap").style.display = "block";
//makes the map of the Office show
        }
}

function checkUserLocationToScooterLocation(userLocation){ //compares the different
locations in the scooterLocations array list to the userLocation
        for(i = 0; i < this.projectHoneycomb.scooterLocations.length; i++){ //used
to loop until the userLocation lines up with a location for a scooter
                this.projectHoneycomb.userAndScooterLocation =
this.projectHoneycomb.scooterLocations.indexOf(userLocation);

                                                        //figures out if there is a
scooter sharing the same location as the user.
                this.projectHoneycomb.locationOfScooterAndUser = userLocation;
//assigns the location of the user to a variable
        }
        if(this.projectHoneycomb.userAndScooterLocation > -1){ //if the scooter has
a location that is the same as the user then it returns a number greater then one
                this.projectHoneycomb.scooterChosen =
this.projectHoneycomb.scooters[this.projectHoneycomb.userAndScooterLocation];

                        //assigns the variable scooterChosen to the scooter in the
array that has the same location as the user
                assignAScooterToTheUser(); //assigns the scooter that shares the
same location as the user to the user
                showMapOfScooterLocation(); //calls the function to show the map of
the location shared by the user and scooter
        }
        else if(this.projectHoneycomb.userAndScooterLocation == -1 ||
this.projectHoneycomb.time > 0){
                                                                                //if
there isn't a scooter that shares the same location as the user or the time
increment is greater the zero this runs
                alert("Please wait while we locate the nearest scooter for you.");
```

```
//shows alert to notify the user if there isn't a scooter avaiable near them
                this.projectHoneycomb.time++; //increments the time variable up to
show how many times it has run
                getAllLocationOfScooters(); //runs function to get all new locations
for all scooters

checkUserLocationToScooterLocation(this.projectHoneycomb.locationOfScooterAndUser);

                                                                //calls this function again
and has the locationOfScooterAndUser as a parameter
        }
}

function pay(){
        document.getElementById("payScreen").style.display = "none"; //clears the
page for a payment screen to be
}
```