Cis 430
Victor Ipinmoroti
26819928

The first we did is to design a website for the company. It is a single page website with different section for each option including the search option.

```
<!DOCTYPE html>
<html>
      <head>
            <link rel="stylesheet"
href="html/botstrap_css/bootstrap.min.css">
            <script src="html/materialize/js/materialize.min.js"></script>
            <title>Weeb Company</title>
      </head>
      <body data-spy="scroll" data-target=".navbar" data-offset="50">
      <nav class="navbar navbar-expand-lg navbar-dark bg-dark fixed-top">
            <a class="navbar-brand" href="#">
                  <img src="html/botstrap_css/logo.jpg" width="30"
height="30" alt="">
                  <b>Weeb Company</b>
            </a>
            <button class="navbar-toggler" type="button"
data-toggle="collapse" data-target="#navbarNavDropdown"
aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle
navigation">
            <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNavDropdown">
            <ul class="navbar-nav">
                  <li class="nav-item">
                  <div class="btn-group" role="group" aria-label="Basic
example">
                        <button type="button" class="btn btn-danger"><a
class="nav-link" href="#Introduction">Introduction</a></button>
                        <button type="button" class="btn btn-danger"><a
class="nav-link" href="#OurCustomers">Our Customers</a></button>
```

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                        <button type="button" class="btn btn-danger"><a
class="nav-link" href="#OurAdministration">Our Administration</a></button>
                        <button type="button" class="btn btn-danger"><a
class="nav-link" href="#SearchEmployer">SearchEmployer</a></button>
                        <button type="button" class="btn btn-danger"><a
class="nav-link" href="#AboutUs">About Us</a></button>
                  </div>
                  </li>
            </ul>
            </div>
            </nav>
            <div id="Introduction" class="container-fluid bg-success"
style="padding-top:100px;padding-bottom:100px">
            <div class="row">
                  <div class="col-6 col-md-4">
                  </div>
                  <div class="col-6 col-md-4">
                  <h1 class="text-dark">Introduction</h1>
                  <p>Welcome to the Weeb company, you can scroll down to
see all the information options our site have for you.
                        We are basically friends for rent. We hang out with
you and play all JRPG games.Ever wanted a friend to talk about all the
anime in the world well
                        just hit us up.For fifty bucks an hour we be all
the fun anime japanese obsessed loving friend you would ever have.
                        We will cosplay with you and even reenact your
favorite anime scenes.
                  </p>
                  </div>
                  <div class="col-6 col-md-4">
                  </div>
            </div>
            </div>
            <div id="OurCustomers" class="container-fluid bg-warning"
style="padding-top:100px;padding-bottom:100px">
                  <div class="row">
                  <div class="col-6 col-md-4">
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                </div>
                <div class="col-6 col-md-4">
                <h1 class="text-dark">Our Customers</h1>
                      <p>We satisfy a niche group of people, people who
are extremely obsessed with the japanese
                      culture and  people who are heavily influenced by
the anime genre. We understand that this
                      hobbies a appeal to a very slim minority of people
and sometimes it could be hard to get friends
                      who are just as interested in the as you are. Thus
is you are a frequent anime expo goer and
                      need people to go with you or if you simply just
wanna have a team to help build you cosplay,
                      are exactly the kind of person we serve. We also
serve as online friends of JRPG games or
                      anime jeopardy.hence if you are looking for these
services you are our customer.
                      </p>
                </div>
                <div class="col-6 col-md-4">
                </div>
                </div>
            </div>
            <div id="OurAdministration" class="container-fluid bg-light"
style="padding-top:100px;padding-bottom:100px">
                <div class="row">
                <div class="col-6 col-md-4">
                </div>
                <div class="col-6 col-md-4">
                <h1 class="text-dark">Our Administration</h1>
                      <p>We have very laxed board of trustees “ourselves”
so as you can imagine management is pretty laxed.
                      Every employee is ranked differently just like any
other company we have manager and supervisors.
                      But all this are really just job titles as we try
very much not have a very corporate setting. We are in the business of
being friends with people ultimately that
```

```
                        has to start with us and our interactions in the
company. It is also important  to note that no one is off limit anybody
supervisor, manager can all
                        be hired by you the customer. This is why we have a
section bellow to help you  search our employee database so you can get
some basic information about
                        them before you hire.
                        </p>
                  </div>
                  <div class="col-6 col-md-4">
                  </div>
                  </div>
            </div>
            <div id="SearchEmployer" class="container-fluid bg-info"
style="padding-top:100px;padding-bottom:100px">
                  <div class="row">
                  <div class="col-6 col-md-4">
                  </div>
                  <div class="col-6 col-md-4">
                  <h1 class="text-dark">SearchEmployer</h1>
                        <div class="row align-items-center ">
                              <div class="col-4 col-md-4">

                                    <table class="table table-borderless
table-hover">
                                    <thead>
                                          <tr>
                                          <th>Lastnames</th>
                                          </tr>
                                    </thead>
                                    <tbody>
                                          <tr>
                                          <td>Smith</td>
                                          </tr>
                                          <td>Wong</td>
                                          </tr>
                                          <tr>
```

```
                                    <td>English</td>
                                    </tr>
                                    <tr>
                                    <td>Narayan</td>
                                    </tr>
                                    <tr>
                                    <td>Borg</td>
                                    </tr>
                                    <tr>
                                    <td>Wallace</td>
                                    </tr>
                                    <tr>
                                    <td>Jabber</td>
                                    </tr>
                                    <tr>
                                    <td>Zelaya</td>
                                    </tr>
                              </tbody>
                              </table>
                        </div>
                        <div class="col-4 col-md-8">
                              <form method="post"
action="search.php?go" id="searchform">
                                    <div class="form-group">
                                    <label
for="Search"><b>Search</b></label>
                                    <input type="text" name="name"
class="form-control" id="search" aria-describedby="search tip"
placeholder="Lastname">
                                    <small id="search tip"
class="form-text text-muted">search employees lastname from the list
here</small>
                                    </div>

                                    <button type="submit" class="btn
btn-success" action="search.php?go" value="Search">Submit</button>
                                    </form>
```

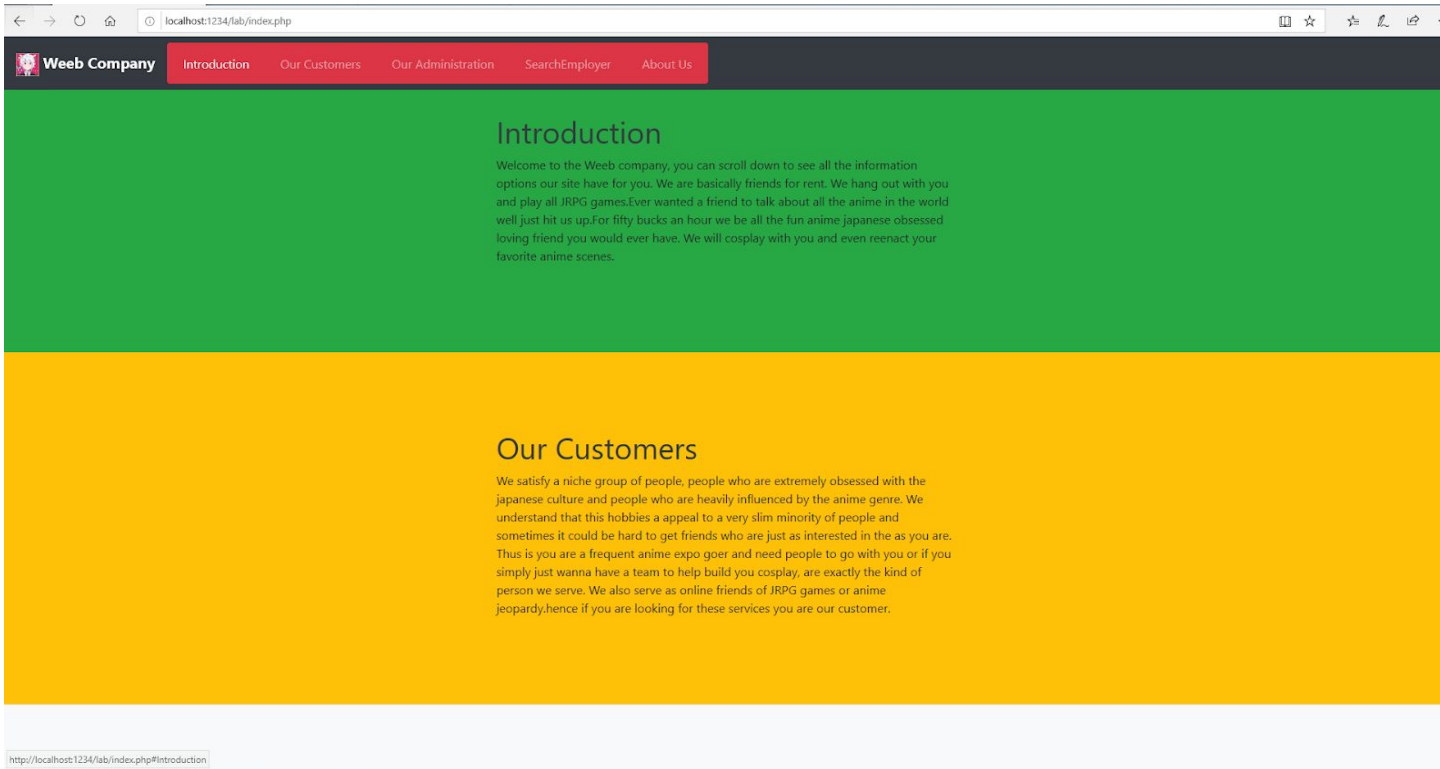
```
                        </div>
                    </div>
                </div>

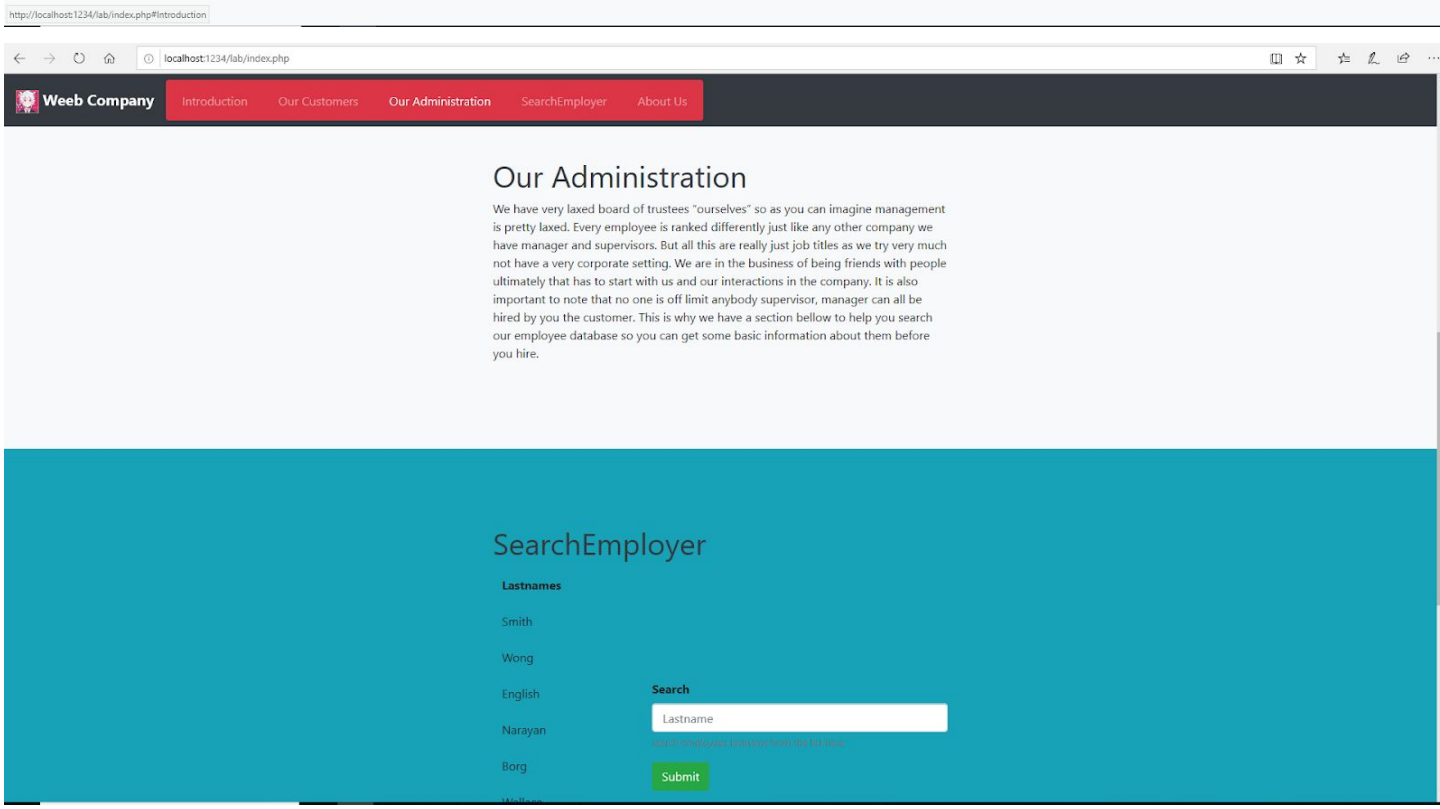
                <div class="col-6 col-md-4">
                </div>
                </div>
            </div>
            <div id="AboutUs" class="container-fluid bg-primary"
style="padding-top:100px;padding-bottom:100px">
                <div class="row">
                <div class="col-6 col-md-4">
                </div>
                <div class="col-6 col-md-4">
                <h1 class="text-white">About Us</h1>
                    <p>We deputed in 2019, we were originally a bunch
of loser who did nothing but eat and play video games.
                    We were good at it too so we decided why not put
our skills to good use and hang with people just like us for money at
least.
                    <br> <b>Contact Information</b>
                    <br> <b>Our email:</b> weebLoVE@anime.com
                    <br> <b>instagram:</b> @ANimeWEEB
                    </p>
                </div>
                <div class="col-6 col-md-4">
                </div>
                </div>
            </div>

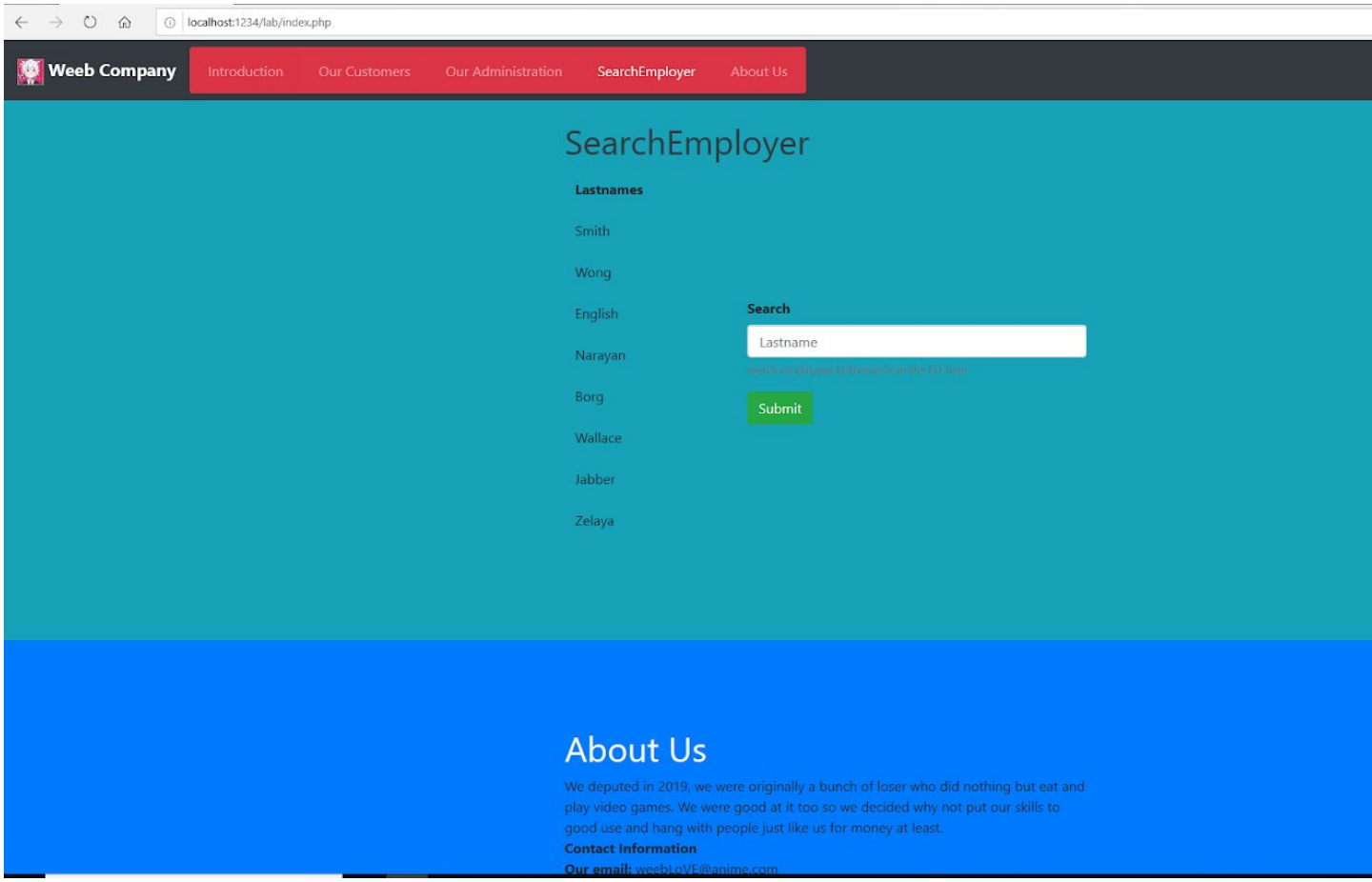

      <script src="html/Bootstrp_js/Jq.js"></script>
      <script src="html/Bootstrp_js/popper.min.js"></script>
      <script src="html/Bootstrp_js/bootstrap.min.js"></script>
      </body>

</html>
```

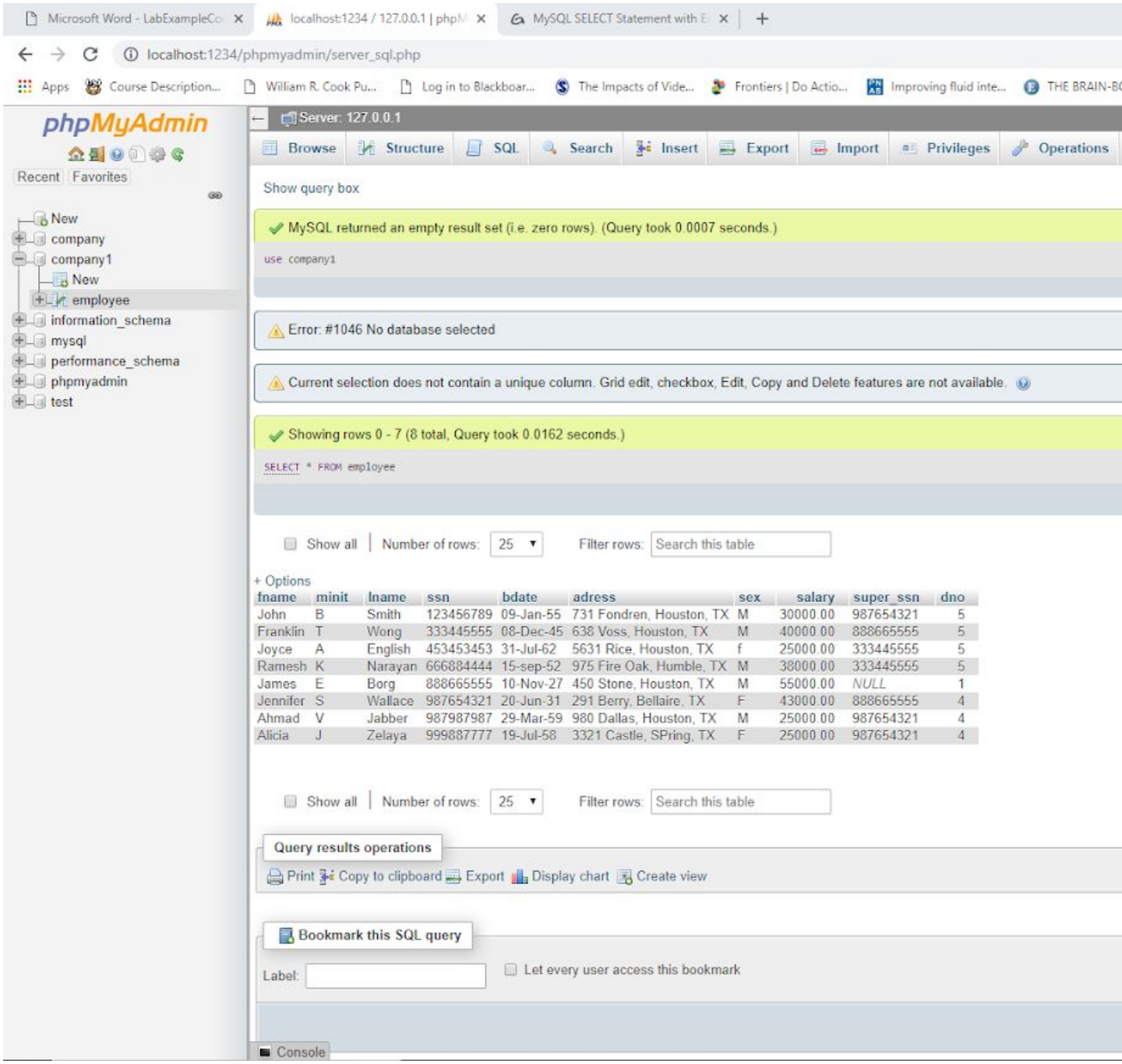
To quickly make the websites professional and presentable we made use of bootstrap. The result was this.


localhost:1234/lab/index.php
Weeb Company
Introduction
Our Customers
Our Administration
SearchEmployer
About Us
Introduction
Welcome to the Weeb company, you can scroll down to see all the information options our site have for you. We are basically friends for rent. We hang out with you and play all JRPG games.Ever wanted a friend to talk about all the anime in the world well just hit us up.For fifty bucks an hour we be all the fun anime japanese obsessed loving friend you would ever have. We will cosplay with you and even reenact your favorite anime scenes.
Our Customers
We satisfy a niche group of people, people who are extremely obsessed with the japanese culture and people who are heavily influenced by the anime genre. We understand that this hobbies a appeal to a very slim minority of people and sometimes it could be hard to get friends who are just as interested in the as you are. Thus is you are a frequent anime expo goer and need people to go with you or if you simply just wanna have a team to help build you cosplay, are exactly the kind of person we serve. We also serve as online friends of JRPG games or anime jeopardy.hence if you are looking for these services you are our customer.


http://localhost:1234/lab/index.php#Introduction
localhost:1234/lab/index.php
Weeb Company
Introduction
Our Customers
Our Administration
SearchEmployer
About Us
Our Administration
We have very laxed board of trustees "ourselves" so as you can imagine management is pretty laxed. Every employee is ranked differently just like any other company we have manager and supervisors. But all this are really just job titles as we try very much not have a very corporate setting. We are in the business of being friends with people ultimately that has to start with us and our interactions in the company. It is also important to note that no one is off limit anybody supervisor, manager can all be hired by you the customer. This is why we have a section bellow to help you search our employee database so you can get some basic information about them before you hire.
SearchEmployer
Lastnames
Smith
Wong
English
Narayan
Borg
Search
Lastname
Submit



Then we move forward to create the database and populate it with employee data from lab 2



After this we went ahead and made the search.php which has the php ODBC code and displayed the result.

```
<!DOCTYPE html>
<html>
	<head>
```

```
            <link rel="stylesheet"
href="html/botstrap_css/bootstrap.min.css">

            <title>Serach Result</title>
      </head>
      <body>


      <?php
$link = mysqli_connect("localhost", "root", "chemistry101", "company1");
// Check connection
if($link === false){
      die("ERROR: Could not connect. " . mysqli_connect_error());
}
// Attempt select query execution

$query = $_POST['name'];
if ($query === ''){
      echo "enter a name";
}
else{
$sql = "SELECT * FROM employee WHERE (`lname` LIKE '%".$query."%')";
if($result = mysqli_query($link, $sql)){
      if(mysqli_num_rows($result) > 0){
      echo "<table class=\"table  table-dark table-borderless
table-hover\">";
            echo "<tr>";
                  echo "<th>Firstname</th>";
                  echo "<th>Lastname</th>";
                  echo "<th>SEX</th>";
                  echo "<th>DNO</th>";
            echo "</tr>";
      while($row = mysqli_fetch_array($result)){
            echo "<tr>";
                  echo "<td>" . $row['fname'] . "</td>";
                  echo "<td>" . $row['lname'] . "</td>";
                  echo "<td>" . $row['sex'] . "</td>";
```

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                echo "<td>" . $row['dno'] . "</td>";
            echo "</tr>";
        }
        echo "</table>";
        // Free result set
        mysqli_free_result($result);
        } else{
        echo "No records matching your query were found.";
        }
} else{
        echo "ERROR: Could not able to execute $sql. " .
mysqli_error($link);
}
}
// Close connection
mysqli_close($link);
?>

        <button type="button" class="btn btn-danger"><a class="nav-link
text-light" href="index.php">Reset</a></button>

        <script src="html/Bootstrp_js/Jq.js"></script>
        <script src="html/Bootstrp_js/popper.min.js"></script>
        <script src="html/Bootstrp_js/bootstrap.min.js"></script>
        </body>

</html>
```
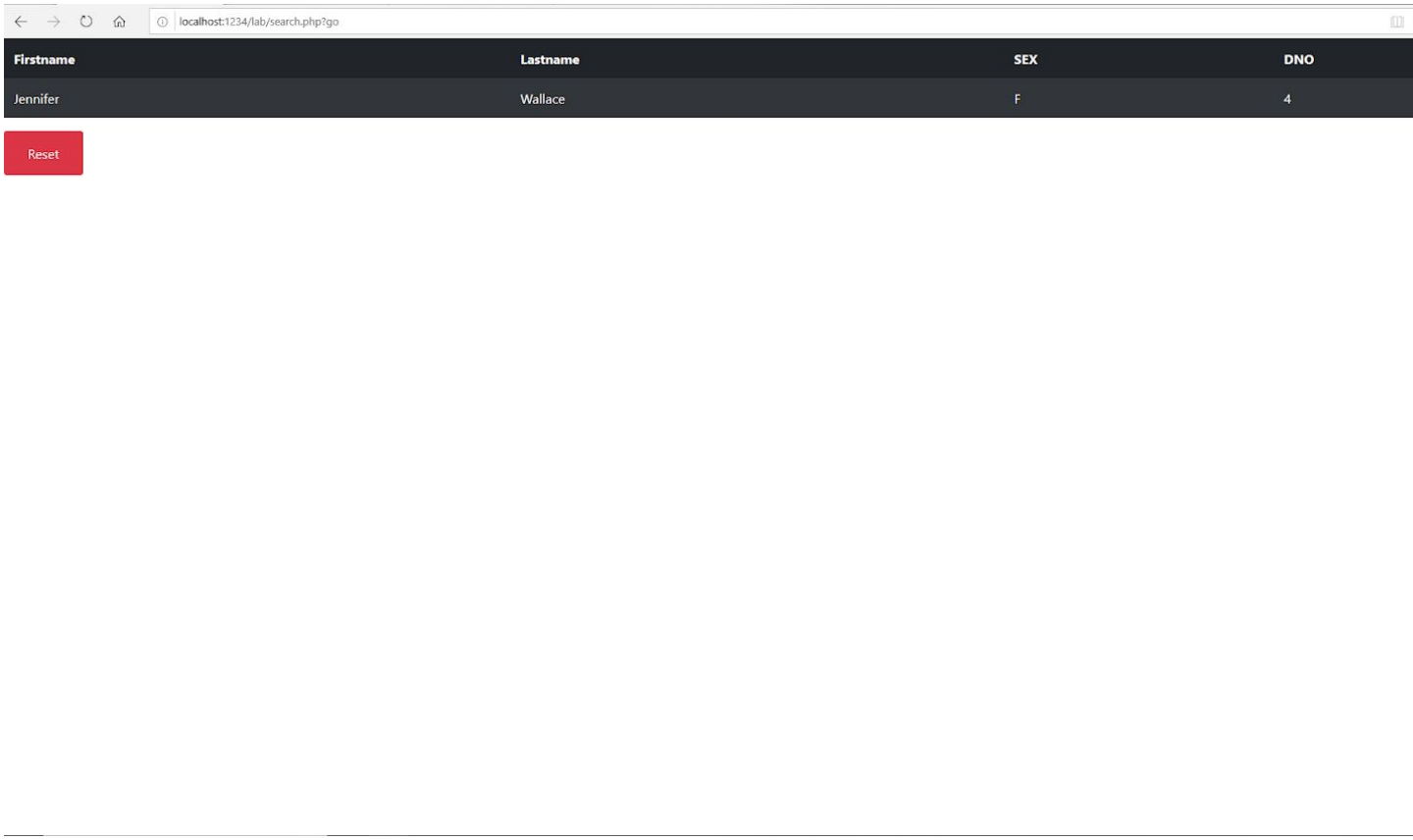

If there is no record it displays no record, if no name is entered in prompt the user for name and if a name is entered correctly it shows a table displaying select information. There is also a reset button to take you back to the main page. Results shown below.


localhost:1234/lab/search.php?go
Firstname
Lastname
SEX
DNO
Jennifer
Wallace
F
4
Reset

localhost:1234/lab/search.php?go
enter a name
Reset

Sql query

```
CREATE DATABASE COMPANY1;
Use Company1;
Create Table Employee ( Fname varchar(15) Not Null, Minit char, Lname varchar(15) NOT NULL, Ssn char(9) NOT NULL, Bdate date, Address varchar(30), Sex char , Salary decimal(10,2), Super_ssn char(9), Dno int NOT NULL Primary Key (Ssn), );
 select * from Employee;
 Insert Into Employee Values ('John', 'B', 'Smith', '123456789','09-Jan-55', '731 Fondren, Houston, TX', 'M','30000','987654321','5');
 Insert Into Employee Values ('Franklin', 'T', 'Wong', '333445555','08-Dec-45', '638 Voss, Houston, TX', 'M','40000','888665555','5');
```

Insert Into Employee Values ('James', 'E', 'Brog', '888665555','10-Nov-27', '450 Stone, Houston, TX', 'M','55000', Null,'1'); select * from Employee;

Some of the major issues was troubleshooting the web server as my configuration was messed up. Also the getting the php database code to work.