Aiden Koknat Project 6 Report

Adding to Subscription List/Searching for Notification Members (HTML Code):

```html
Want text notifications? Submit your phone number to be added to the list!
<form method="post" action="creatingPerson.php">
    <fieldset>
        Name: <input type="text" name="name" /> <br>
        Phone number: <input type="tel" name="phone" placeholder="xxx-xxx-xxxx" pattern="[0-9]{3}-[0-9]{3}-[0-9]{4}"/>
        <br> Select type of notification:
        <select name="type">
            <option value = "" selected disabled hidden> Select an option </option>
            <option>Text</option>
            <option>Phone</option>
        </select>
        <select name="emptySelect">
        </select>

        <br> Select Desired Notification Frequency:
        <br> <input type="radio" name="freq" value="0"> Once a Month
        <br> <input type="radio" name="freq" value="1"> Once a Week
        <br> <input type="radio" name="freq" value="2"> Once a Year
        <br>
        <input type="reset"/> <input type= "submit" name = "formButton"/>
    </fieldset>
</form>
<form method="post">
    Search a person by name: <input type="text" name="searchName" />
    <input type= "submit" name = "searchButton"/>
    <?php include "./creatingPerson.php" ?>
</form>
<?php include "./Notifications.php" ?>
<br>
An HTML page made by Aiden Koknat
```

Webpage Output

Want text notifications? Submit your phone number to be added to the list!

Name:

Phone number: xxx-xxx-xxxx

Select type of notification: Select an option ▾ ▾

Select Desired Notification Frequency:
- ○ *Once a Month*
- ○ *Once a Week*
- ○ *Once a Year*

Reset   Submit

Search a person by name: Aiden Koknat   Submit

Search Results:

ID Number: 1
Name: Aiden Koknat
Phone Number: 614-707-9540
Text or Phone: Text
Message Type: Concert Notifications
Frequency: Once a month

List of Members:

ID Number: 1
Name: Aiden Koknat
Phone Number: 614-707-9540
Text or Phone: Text
Message Type: Concert Notifications
Frequency: Once a month

ID Number: 5
Name: Gabi
Phone Number: 123-444-4444
Text or Phone: Phone
Message Type: Fun Facts about Nardolillo
Frequency: Once a month

Setting up database.php:

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "cs316";

$connection = new mysqli($servername, $username, $password, $dbname);

if ($connection->connect_error) {
    die("Connection failed: " . $connection->connect_error);
}
```

Putting User inputted data into database:

```php
<?php

if (isset($_POST["formButton"])) {
    require_once "database.php";
    $name = $_POST["name"];
    $phone = $_POST["phone"];
    $type = $_POST["type"];
    if (isset($_POST["emptySelect"])) {
        $emptySelect = $_POST["emptySelect"];
    }
    else {
        die("form error");
    }
    $frequency = $_POST["freq"];

    #conversions
    if ($type == "Text") {
        $type = 0;
    }
    if ($type == "Phone") {
        $type = 1;
    }

    if ($emptySelect == "Concert Alerts") {
        $emptySelect = 0;
    }
    else if ($emptySelect == "") {
        die("Form error");
    }
    else {
        $emptySelect = 1;
    }

    $sql = "INSERT INTO newsletter (Name, PhoneNumber, TextOrPhone, MessageType, Frequency) VALUES ('$name', '$phone', $type, $emptySelect, $frequency);";
    $query = "INSERT INTO newsletter (Name, PhoneNumber, TextOrPhone, MessageType, Frequency) VALUES ('$name', '$phone', $type, $emptySelect, $frequency);";
    mysqli_query($connection, $query);

}
?>
```

Code to display database list and search output:

Notifications.php

```php
1    <?php
2    require_once './database.php';
3
4    if (isset($_POST["searchName"])) {
5        $nameSearch = "SELECT * FROM newsletter WHERE ";
6        $name = $_POST["searchName"];
7        if ($name > 0) {
8            $nameSearch .= "Name LIKE \"%$name%\" ";
9            $result = $connection->query($nameSearch);
10           echo "Search Results: <br>";
11           echo "----------------------------------- <br>";
12           while ($row = $result->fetch_assoc()) {
13               echo "ID Number: ";
14               echo $row["ID Num"];
15               echo "<br>";
16               echo "Name: ";
17               echo $row["Name"];
18               echo "<br>";
19               echo "Phone Number: ";
20               echo $row["PhoneNumber"];
21               echo "<br>";
22               echo "Text or Phone: ";
23               if ($row["TextOrPhone"] == 0) {
24                   echo "Text <br>";
25               }
26               else {
27                   echo "Phone <br>";
28               }
29
30               echo "Message Type: ";
31               if ($row["MessageType"] == 0) {
32                   echo "Concert Notifications <br>";
33               }
34               else {
35                   echo "Fun Facts about Nardolillo <br>";
36               }
37
38               echo "Frequency: ";
39               if ($row["Frequency"] == 0) {
40                   echo "Once a month <br>";
41               }
42               else if ($row["Frequency"] == 1) {
43                   echo "Once a week <br>";
44               }
45               else {
46                   echo "Once a year <br>";
47               }
```

```php
48                    echo "------------------------------------- <br>";
49              }
50          }
51  }
52
53  $sql = "SELECT * FROM newsletter;";
54  $result = $connection->query($sql);
55
56  echo "<br> List of Members: <br>";
57  echo "------------------------------------- <br>";
58  if ($result->num_rows > 0) {
59      while ($row = $result->fetch_assoc()) {
60          echo "ID Number: ";
61          echo $row["ID Num"];
62          echo "<br>";
63          echo "Name: ";
64          echo $row["Name"];
65          echo "<br>";
66          echo "Phone Number: ";
67          echo $row["PhoneNumber"];
68          echo "<br>";
69          echo "Text or Phone: ";
70          if ($row["TextOrPhone"] == 0) {
71              echo "Text <br>";
72          }
73          else {
74              echo "Phone <br>";
75          }
76
77          echo "Message Type: ";
78          if ($row["MessageType"] == 0) {
79              echo "Concert Notifications <br>";
80          }
81          else {
82              echo "Fun Facts about Nardolillo <br>";
83          }
84
85          echo "Frequency: ";
86          if ($row["Frequency"] == 0) {
87              echo "Once a month <br>";
88          }
89          else if ($row["Frequency"] == 1) {
90              echo "Once a week <br>";
91          }
92          else {
93              echo "Once a year <br>";
94          }
```