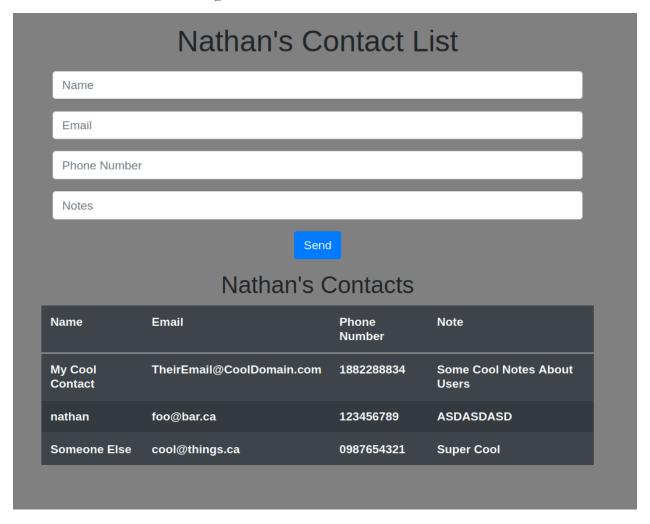
Goal

In this assignment we are going to try to create a simple contact list page.

The result should look something like this:



This will require that you create:

- 1. A simple page with a form that submits at a minimum the following into a database
 - a. Name
 - b. Phone Number
 - c. Email
 - d. Notes
- 2. It should then print out any contacts in the database into a table on the page.

Bonus

If you finish early, try to create a more complicated database and improve the look of the website.

General Instructions

Create the HTML/CSS

- 1. Create the layout
- 2. Create the form and inputs for the form
- 3. Ensure that the form points to the PHP/NodeJS script

Create the Database

- 1. You will need to create
 - a. A new database
 - b. A new user for the database
 - c. A new table within the database for the contacts
- 2. You will need to allow the user access to the database and remember to flush privileges!

Create the PHP/NodeJS

- 1. You need to have a PHP or NodeJS script
 - a. that inserts the data into the database
 - b. that gets all the data from the database and prints it into the table

PHP Functions/Variables You May Need

```
// MYSQL FUNCTIONS //
mysqli($server, $username, $password, $database);
prepare();
bind_param();
execute();
fetch_assoc();
close();
// FORM FUNCTIONS and VARIABLES //
isset();
$ POST
// Redirecting Pages
header();
```

NodeJS Functions/Variables You May Need

```
require('mysql2');
require('express');
require('path');
app.use(express.static(path.join(__dirname, 'public')));
app.use(express.urlencoded());
app.listen(port)
app.get()
```

```
app.post()
mysql.createConnection({host, user, password, database});
```