**COP4331 Formatting/Conventions**

**Endpoints**

1. Connecting to the database via the admin from API
   1. $conn = new mysqli("localhost", "group17", "cop4331c", "COP4331");

* Login
  + Receives userName, password
  + Sends ID, firstName, lastName
* Register
  + Receives userName, password, firstName, lastName, email
  + Sends NULL (?)
  + Will verify whether Username already exists within the Users table.
* Delete Account
  + Receives ID
  + Sends NULL (?)
* Update
  + Receives contactFirstName, contactLastName, phoneNumber, address, email
  + Sends NULL (?)
* Add
  + Receives contactFirstName, contactLastName, phoneNumber, address, email
  + Sends NULL (?)
* Search
  + Receives contactFirstName, contactLastName
  + Sends [CID] (Contact ID array for anything matching the search.)
* Delete Contact
  + Receives CID
  + Sends NULL (?)
* Show Contact
  + Receives CID
  + Sends firstName, lastName, phoneNumber, email, address

**Database**

Users

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | DateCreated | FirstName | LastName | UserName | Password | Email |
|  |  |  |  |  |  |  |

(Will have to alter the names of these fields to be consistent with camelCase conventions.)

Contacts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | contactFirstName | contactLastName | phoneNumber | address | email |
|  |  |  |  |  |  |

**Extra Ideas**

- Types of contacts where colors differentiate the type? (Work, Family, Friend)

- Contact image choices