* Commands used
  + Users
    - create table users
    - (
    - u\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT NOT NULL,
    - name VARCHAR(11) NOT NULL,
    - reg\_date DATETIME,
    - last\_submit DATETIME,
    - treatment TINYINT,
    - pass VARCHAR(11) NOT NULL,
    - email VARCHAR (11) NOT NULL,
    - qualtrics\_ID VARCHAR (11) NOT NULL
    - )
  + Food Entries
    - CREATE TABLE food\_entries
    - (
    - f\_entry\_ID INTEGER PRIMARY KEY AUTO\_INCREMENT NOT NULL,
    - u\_ID INTEGER NOT NULL,
    - f\_entry\_date DATETIME,
    - meal\_ID INTEGER NOT NULL,
    - FOREIGN KEY (u\_ID) REFERENCES users (u\_ID)
    - )
  + Symptom Entries
    - CREATE TABLE symptom\_entries
    - (
    - s\_entry\_ID INTEGER AUTO\_INCREMENT PRIMARY KEY NOT NULL,
    - u\_ID INTEGER NOT NULL,
    - sym\_ID INTEGER,
    - s\_entry\_date DATETIME,
    - assoc\_food VARCHAR(11),
    - FOREIGN KEY (u\_ID) REFERENCES users (u\_ID)
    - )
  + Teratogen Entries
    - CREATE TABLE teratogen\_entries
    - (
    - t\_entry\_ID INTEGER PRIMARY KEY NOT NULL AUTO\_INCREMENT,
    - u\_ID INTEGER,
    - tera\_ID INTEGER,
    - t\_entry\_date DATETIME,
    - FOREIGN KEY (u\_ID) REFERENCES users (u\_ID)
    - )
  + ALTERED USER //altered table users to add new column called usr for username & add new column called salt to salt the passwords (to prevent dictionary attacks)
    - ALTER TABLE users ADD usr VARCHAR(11)
    - ALTER TABLE users ADD salt VARCHAR(11)
  + Added row to users table for all of mysql to read
    - INSERT INTO users (name , usr, pass) VALUES ('John Smith', 'jon', '1234')
  + Added row to users table for api to read
    - INSERT INTO users SET usr="Jack", name="Jack McCan", pass="1111"
  + Altered symptom\_entries making sym\_ID not null
    - ALTER TABLE symptom\_entries MODIFY COLUMN sym\_ID VARCHAR(11) NOT NULL
  + Altered symptom\_entries making s\_entry\_date not null
    - ALTER TABLE symptom\_entries MODIFY COLUMN s\_entry\_date VARCHAR(11) NOT NULL
  + Altered food\_entries making f\_entry\_date not null
    - ALTER TABLE food\_entries MODIFY COLUMN f\_entry\_date VARCHAR(11) NOT NULL
  + Altered teratogen\_entries making tera\_ID & t\_entry\_date not null
    - ALTER TABLE teratogen\_entries MODIFY COLUMN tera\_ID VARCHAR(11) NOT NULL
    - ALTER TABLE teratogen\_entries MODIFY COLUMN t\_entry\_date VARCHAR(11) NOT NULL
  + How to log in
    - 'use strict';
    - let dat = {
    - data: {
    - where: {
    - 'usr' : 'jon',
    - 'pass' : '1234'
    - },
    - },
    - newRand: '0',
    - token: '{"uid":"1","exp":1504469500}',
    - randKey: '0'
    - };
    - let res;
    - //GET
    - $.ajax({
    - type: 'GET',
    - url: 'localhost/pregnancy/api/v1/login',
    - contentType: 'application/json',
    - dataType: 'json',
    - data: dat,
    - success: (result,status,xhr) => {
    - console.log(result);
    - console.log(`${JSON.stringify(xhr)} ${status}`);
    - },
    - error: (xhr, status, error) => {
    - console.log('err');
    - console.log (`${JSON.stringify(xhr)} ${status}`);
    - }
    - });
  + ajax call adding food entry into table
    - 'use strict';
    - let dat = {
    - data: {
    - set: {
    - 'f\_entry\_date' : "2017/9/2 15:25:21",
    - 'meal\_ID' : '1234'
    - },
    - table : 'food\_entries'
    - },
    - newRand: '0',
    - token: '{"uid":1,"exp":1504469500}',
    - randKey: '0'
    - };
    - let res;
    - //GET
    - $.ajax({
    - type: 'POST',
    - url: 'localhost/pregnancy/api/v1/access',
    - contentType: 'application/json',
    - dataType: 'json',
    - data: JSON.stringify(dat),
    - success: (result,status,xhr) => {
    - console.log(result);
    - console.log(`${JSON.stringify(xhr)} ${status}`);
    - },
    - error: (xhr, status, error) => {
    - console.log('err');
    - console.log (`${JSON.stringify(xhr)} ${status}`);
    - }
    - });
  + Get number of food entries made by a user
    - [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM `food\_entries` WHERE 'u\_ID' = 1
  + Get number of symptom entries made by a user
    - [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) \* FROM `symptom\_entries` WHERE 'u\_ID' = 1

Get all food entries for specific user.

* 'use strict';
* let dat = {
* data: {
* table : 'food\_entries'
* },
* newRand: '0',
* token: '{"uid":1,"exp":1604469500}',
* randKey: '0'
* };
* let res;
* //GET
* $.ajax({
* type: 'GET',
* url: 'localhost/pregnancy/api/v1/access',
* contentType: 'application/json',
* dataType: 'json',
* data: dat,
* success: (result,status,xhr) => {
* console.log(result);
* console.log(`${JSON.stringify(xhr)} ${status}`);
* },
* error: (xhr, status, error) => {
* console.log('err');
* console.log (`${JSON.stringify(xhr)} ${status}`);
* }
* });
* /\*
* //POST
* $.post("rest\_practice.php/posts",
* dat,
* (data, status) => {
* console.log("GET"+data);
* })
* \*/
* //runs first b/c the callbacks (post and get) take a bit longer
* console.log(res);
  + How to delete a user entry
    - 'use strict';
    - let dat = {
    - data : {
    - where: {
    - 'f\_entry\_date' : "2017-09-05 20:27:54",
    - 'f\_entry\_ID' : '5',
    - 'meal\_ID' : '1234',
    - },
    - table : 'food\_entries'
    - },
    - newRand: '0',
    - token: '{"uid":1,"exp":1604469500}',
    - randKey: '0'
    - };
    - let res;
    - //GET
    - $.ajax({
    - type: 'DELETE',
    - url: 'localhost/pregnancy/api/v1/access',
    - contentType: 'application/json',
    - dataType: 'json',
    - data: JSON.stringify(dat),
    - success: (result,status,xhr) => {
    - console.log(result);
    - console.log(`${JSON.stringify(xhr)} ${status}`);
    - },
    - error: (xhr, status, error) => {
    - console.log('err');
    - console.log (`${JSON.stringify(xhr)} ${status}`);
    - }
    - });
    - /\*
    - //POST
    - $.post("rest\_practice.php/posts",
    - dat,
    - (data, status) => {
    - console.log("GET"+data);
    - })
    - \*/
    - //runs first b/c the callbacks (post and get) take a bit longer
    - console.log(res);
  + Setting limit
    - 'use strict';
    - let dat = {
    - data : {
    - limit: [0,1],
    - table : 'food\_entries'
    - },
    - newRand: '0',
    - token: '{"uid":1,"exp":1604469500}',
    - randKey: '0'
    - };
    - let res;
    - //GET
    - $.ajax({
    - type: 'GET',
    - url: 'localhost/pregnancy/api/v1/access',
    - contentType: 'application/json',
    - dataType: 'json',
    - data: dat,
    - success: (result,status,xhr) => {
    - console.log(result);
    - console.log(`${JSON.stringify(xhr)} ${status}`);
    - },
    - error: (xhr, status, error) => {
    - console.log('err');
    - console.log (`${JSON.stringify(xhr)} ${status}`);
    - }
    - });
    - /\*
    - //POST
    - $.post("rest\_practice.php/posts",
    - dat,
    - (data, status) => {
    - console.log("GET"+data);
    - })
    - \*/
    - //runs first b/c the callbacks (post and get) take a bit longer
    - console.log(res);
  + How to add new user
    - 'use strict';
    - let dat = {
    - data : {
    - set: {
    - 'usr': 'J365',
    - 'pass': '012',
    - 'name': 'Jenna',
    - //'u\_ID': '3'
    - },
    - table: 'users'
    - },
    - newRand: '0',
    - //token: '{"uid":1,"exp":1604469500}',
    - randKey: '0'
    - };
    - let res;
    - //GET
    - $.ajax({
    - type: 'POST',
    - url: 'localhost/pregnancy/api/v1/newUser',
    - contentType: 'application/json',
    - dataType: 'json',
    - data: JSON.stringify(dat),
    - success: (result,status,xhr) => {
    - console.log(result);
    - console.log(`${JSON.stringify(xhr)} ${status}`);
    - },
    - error: (xhr, status, error) => {
    - console.log('err');
    - console.log (`${JSON.stringify(xhr)} ${status}`);
    - }
    - });
    - /\*
    - //POST
    - $.post("rest\_practice.php/posts",
    - dat,
    - (data, status) => {
    - console.log("GET"+data);
    - })
    - \*/
    - //runs first b/c the callbacks (post and get) take a bit longer
    - console.log(res);