COMP 2145 Final Project

# ~~Topic~~

* ~~You choose!~~

~~o Default concept would be ecommerce/online store o Do not use social network, example in the book o Do not use college example from homework o Do not use pet feeding tracker from my demos~~

* ~~Get topic approval by third week~~

# ~~Mid-Term Check In (10% of overall grade)~~

* ~~Hand-drawn sketch of each site page~~
* ~~Database Tables and Fields Defined (table name, field name, data type)~~
* ~~HTML for pages with hard-coded place-holder info (that will come from database later)~~

# ~~Requirements (25% of overall grade)~~

* ~~HTML, CSS, JS, PHP, MySQL~~
* ~~Project must run locally in AMPPS~~
* ~~Design & Layout - 10% o Include some graphics and color to personalize your app and make it enticing to the user o Layout and navigation must provide for an intuitive user experience~~

Database - 10%

* Must include at least 4 tables ~~(one should be Users)~~ 
  + ~~Users~~
  + Habits
  + Goals?
  + Accomplishments?
* Must include at least 3 different data types across the tables
* ~~At least one table must have an auto incremented primary key~~
* Must include some data to make the site feel full (probably at least 5 to 10 records in each table, if it makes sense)
* Include at least one relationship

Front End (HTML, CSS, JS) - 30%

* Create pages to display some hard-coded HTML content as well as content pulled from

MySQL via PHP

* ~~Must include a page and form to create user profile (registered users will be admins)~~

~~User Profiles must include at least:~~

* ~~First Name~~
* ~~Last Name~~
* ~~Email address (username)~~
* ~~Password~~
  + Allow users to enter some data, including uploading a file
  + Must include a login page (or button) for Admin
  + Admin

▪ Admins should be able to add, edit, and delete all data (pages with forms)

* Back End (PHP, MySQL) - 50% o Separate PHP pages by their function o Variables - must include
  + Number
  + String
  + Array
  + At least one local
  + At least one global o Objects
  + Classes
  + Properties
  + Functions
  + Constructor o Include Loops o Include If Then Else o Utilize Functions o Utilize Session Variables o Authentication
  + Utilize password\_hash() and verify\_password() to authenticate user against the database
  + Must include at least two levels of access
* Public
* Unauthenticated
* Allow to enter some data
* Read all data
* Should be able to register as a user (create username and password)
* Admin
* Authenticated
* Full control to add, delete, edit all data

o Create/Read/Update/Delete database records