CS 174 / SE 174

# Web Programming

## Fall Semester 2015

### Department of Computer Science
San José State University
Instructor: Ron Mak

## Assignment #3

**Assigned:** Wednesday, September 23
**Due:** Wednesday, September 30 at 11:59 pm
Team assignment, 100 points max

### Table joins and PHP prepared statements

The purpose of this assignment is to give your team practice doing table joins and using PHP prepared statements.

Add more tables to your database, which must be in at least **second normal form** (2NF).

First write SQL queries that perform **join operations** among your tables. Test your queries by running the SQL statements directly on the MySQL command line or in phpMyAdmin.

Then implement the join operations in your project with PHP PDO and **prepared statements**. Through actions on the client interface, end users should cause the join operations to occur.

### What to turn in

Create a zip file named after your team (e.g., `Supercoders.zip`) containing:

- Screen shots or text files of the test output from running your SQL queries directly.
- Screen shots from your project showing user input in HTML forms and dynamically generated pages that include output from the resulting joins.
- Your .html and .php files.
- A dump of your MySQL database created with phpMyAdmin or the mysqldump utility.

Email to ron.mak@sjsu.edu with the subject line:

> **CS 174-***section* **Assignment #4** *team name*

CC all team members.