

CS 174 / SE 174
Web Programming

Fall Semester 2015

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

Assignment #1

Assigned: Monday, August 31
Due: Tuesday, September 8 at 11:59 pm
Team assignment, 100 points max

Simple end-to-end web application

Write a simple end-to-end web application that consists of “naked” HTML on the client side, some basic PHP on the server side, and a single database table in the back end.

Create an **HTML page** that contains a form that has various input elements beyond just input text fields, such as checkboxes, radio buttons, selection lists, etc. The HTML should not contain any formatting or layout attributes.

Create a **MySQL database** that contains a **single table** with your choice of fields. Populate the table with some data.

Create a **PHP page** that obtains data submitted from the HTML form and makes different queries of your database table based on the form data. It should dynamically generate a new web page that displays the query results.

Make **screenshots** of your web pages.

Database table dump

Create a “dump” of your database with the **mysqldump** command located in the XAMPP bin directory:

```
mysqldump -u username -ppassword dbname > create.sql
```

Note: There is no space between **-p** and the password.

Example:

```
mysqldump -u supercoders -psesame supercoders > create.sql
```

The output file **create.sql** will allow the graders to recreate your database table.

You can also use the **Export** tab of **phpMyAdmin** to create the database dump.

What to turn in

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

- Your .html and .php files.
- Output from the **mysqldump** command or the **phpMyAdmin** Export tab.
- Screenshots of your web pages.

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

CS 174-section Assignment #1 team name

CC all team members.