

## CS 288 2018S Section 002

### Homework 07 - Milestone 2

**Due:** At 11:45pm on Friday May 4<sup>th</sup>, 2018.

In the first milestone, we wrote two scripts:

1. Shell script to:
  - Download the weather Web page for a select number of states every hour.
  - Generate .xhtml files that corresponds to the downloaded .html files.
  - Run a Python program to extract relevant data from the .xhtml files, one file at a time.
  - Capture the Python script output into a .csv file.
2. Python script to:
  - Traverse the .xhtml file using the `xml.dom.minidom` module
  - Extract relevant data
  - Print the extracted data in CSV format to standard output

In the second milestone, you are required to:

1. Modify the existing Python script to insert the extracted data into a MySQL database instead of writing it to standard output.
2. Write a new PHP script to retrieve the data from the MySQL database and serve it in HTML form using Apache Webserver.

Your deliverables are the modified Python script and the new PHP script. Before submitting your solutions via Moodle, zip the scripts and name the archive, if your name is Harry Houdini, for example, HW7b\_HarryHoudini.zip. You may use gzip if that's more convenient.