WEEK 12 PROJECT ASSIGNMENT

DESCRIPTION:

You will be modifying the database and PHP scripts as necessary to enable the following processes:

Schedule someone based on need: Write a PHP function such as:

`scheduleSomeone(dept, date, shift, emptype)`

This will find someone of **emptype** who is available at the specific **date** and **shift**, then place the person into the **dept**. Update the schedule table, and decrement the needs table for that **dept/date/shift/emptype**. Make sure that the person selected is not already scheduled on that date, and make sure that the person has not requested the day off. If no one can be found to fill the need, return **false**, otherwise return **true**. Be certain to include error trapping for all SQL statements, and do the entire process in a transaction. If any error occurs, be sure to rollback the transaction.

WHAT TO SUBMIT:

- Your PHP program(s).
- Your test data.
- Your database design.
- Your table descriptions.
- A capture of the PHP program executing, showing multiple executions of the **scheduleSomeone** function, along with failing appropriate test cases.