

## Partners

Partner 1: Name  CS ID

Partner 2: Name  CS ID

# Checklist for PLSQL/PHP Assignment

This checklist is a summary of the requirements in the assignment page. If in doubt about anything, consult the assignments page. It is to be submitted, filled out and all boxes checked, with the other assignment files.

IMPORTANT! PLEASE READ! CS 450 students submit files with names like *report\_ug.sql* while CS 550 students use names like *report\_gr.sql*. I will use the *\_ug* infix in the rest of this document. CS 550 students should mentally substitute the *\_gr* infix.

IMPORTANT! PLEASE READ! There are different assignments in different semesters and CS450 students have assignments different from CS550 students. Therefore you will see "..." in procedure names below. The "..." represents whatever is appropriate to your particular assignment. For example, if you are working on inserting into the **EMP\_SUMMARY** table, **ins\_...\_summary** should be read as **ins\_emp\_summary**.

## General

- ☐ There are 5 files to submit in this assignment: *report\_ug.sql*, *report\_ug.php*, *url.txt*, *checklist.pdf* and *members.txt*
  - ☐ Exactly one group member submits *report\_ug.sql*, *report\_ug.php*, *checklist.pdf*, and *url.txt*.
  - ☐ Each group member submits *members.txt*.

## *report\_ug.sql*

- ☐ Be sure the procedure that is created has the correct name. The first line of code in your file should be:

**CREATE OR REPLACE PROCEDURE REPORT\_UG AS**

- ☐ Before submitting the file be sure to give CS450A permission to run it from your account by executing:

**GRANT EXECUTE ON REPORT\_UG TO CS450A;**

The file you submit is used to verify that your database procedure has not been changed after submission. Your database procedure is the one that is actually executed, not the submitted file.

- ☐ If the **non-submitting** partner has granted EXECUTE on his/her version of the procedure, s/he should prevent CS450A from grading two versions or copies of the group's procedure by

executing:

```
REVOKE EXECUTE ON REPORT_UG FROM CS450A;
```

- ☐ Do not run the *report\_ug.sql* file after you have submitted it. That will replace your database procedure with a new version. That version will have a new timestamp and your submission will be penalized for being late even if the submitted file was on time.

### ***report\_ug.php***

- ☐ The entire PHP assignment should be contained in one file named *report\_ug.php*. It should not **include**, **require**, or **require\_once** anything except the **MDB2** library. Nor should it use any database procedures except for those in the CS450 account.
- ☐ Do not use any *PHP superglobals* except for `$_SERVER["PHP_SELF"]` and the indexes in the `$_POST` array that correspond to the `<INPUT>` fields on the first page.
- ☐ Just before you submit the file, you should run it to make sure you have not introduced any runtime errors.
- ☐ Just before you submit the file, you should make sure that all calls to the CS450 procedures (`ins_..._summary`, `clean_..._summary`, and `v_..._summary`) use **your** username and **not** one that derives from the login page.
- ☐ Just before you submit, make sure that you are using the correct insert, clean and view procedures. None of them should have the string `proj_100` in their title.

### ***report\_ug.php, login page***

- ☐ The login page should include the exact same `<INPUT>` and `<FORM>` tags as those in the example programs.
- ☐ The program should prevent anyone from seeing the second page unless they are identified as one of: you, your partner, CS450, CS450A, CS450B, CS450C, CS450D
- ☐ Use the appropriate `CS450.clean_..._summary` procedure before doing any inserts.

### ***report\_ug.php, report page***

- ☐ Display the name(s) and CS ID(s) of the group members plus an honor code statement.
- ☐ Explain your overall strategy, *e.g.*, *Big Loop* or *Big With*, in a paragraph near the beginning of the page.
- ☐ Show and explain every SQL query used. The explanation should tell why various SQL features, such as `NVL()`, `LEFT JOIN`, `PARTITION OVER`, and the like, were used.
- ☐ Tell about program logic is you used PHP rather than SQL to compute some values.
- ☐ Whenever a query is run, you should display the values retrieved.
- ☐ At the end of the page you should use `CS450.v_..._summary` to display what your program has inserted.

### ***url.txt***

This file is a sort of backup in case your program has problems. The *report\_ug.php* that you submit is the one that is used for grading.

- ☐ This file should contain a url for the PHP program in your CS **secure\_html** folder or subfolder.
- ☐ After submitting *report\_ug.php*, you should not change the code at the url.

***checklist.pdf***

- ☐ Open this file in *Adobe Reader* or another application that can handle PDF forms.
- ☐ Read each of the items and click the checkbox beside the ones whose actions you have completed.
- ☐ Complete the rest of the actions and click their checkboxes.
- ☐ Save the form and submit it with the rest of the assignment files.