Final Project
Due Date: Monday May 15, 2017 11:59PM

Consider the following database schema and implement the PHP web pages described below. These pages are meant as a data view and entry tools. Some of these pages have already been implemented and you can use them as templates for the remaining ones. Your code should have PHP functions and SQL functions and procedures separated in different files.

The attached files are already implemented and ready for you to use as-is:

- *testData.sql*: This **file** contains the tables and their test data. You can simply copy and paste this code into your SQL command-line environment.
- *functions*: This **folder** contains all the *PHP* functions used by the different pages. Each page should have its separate file. Please follow the naming convention *StoredProc < TableName >.sql*
- *SQL*: This **folder** contains all the *SQL* functions and stored procedures used by the different pages. Each page should have its separate file. Please follow the naming convention *Function < TableName >.sql*
- *header.php* and *footer.php*: include these files at the beginning and end each of your web pages. Make sure to update the *footer.php* file with your name.
- *index.php*: This is the home page of the project. It displays a message about the current connectivity status of your database
- *personAdd.php*: this file displays the add person form.
- *personList.php*: this file displays the list of all records in the person table.

What you should submit?

- You should submit a compressed file containing a working and error-free project. You will need to include the files above along with your code.
- You will write 2 files in the *functions* folder.
  1. *functionsStaff.php*
  2. *functionsBuilding.php*
- You will write 2 files in the *functions* folder.
  1. *StoredProcStaff.sql*
  2. *StoredProcBuilding.sql*
- You will write and store 4 files in the root folder. These are a mix of HTML and PHP code
  1. *StaffAdd.php*
  2. *StaffList.php*
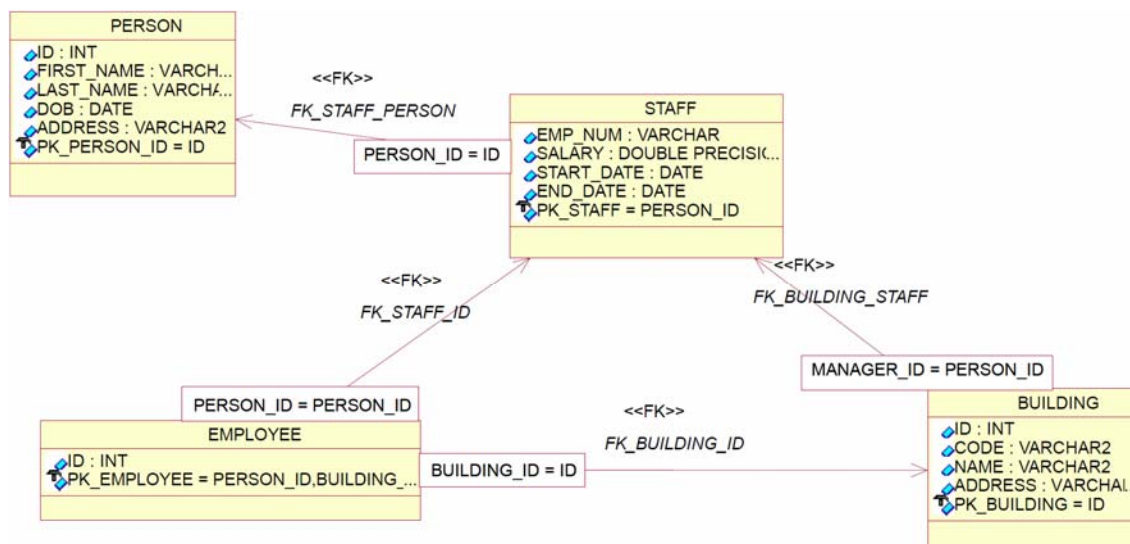 3. *BuildingAdd.php*
  4. *BuildingList.php*

Figure 1: Database Schema

Page List:

I.   **Home**: this page is already implemented.
II. **Add Person**: The page is already implemented. This page allows the user to add a new record into the person table. The insertion fails if the ID already exists in the table.
III. **Person List**: The page is already implemented. The page lists all the records in the person table and allows the deletion of records. The page uses PHP functions to call either a SQL function or procedure.
IV. **Add Staff**: Implement this page to add a record to the staff table. You must follow the structure of the Add Person table and implement the proper PHP functions and SQL functions and stored procedures. Separate your code into files similar to how the Person List page. See Figure 2.
V.   **Staff List**: Implement this page to list all records in the staff table. You must follow the structure of the Person List table and implement the proper PHP functions and SQL functions and stored procedures. Separate your code into files similar to how the Person List page. Figure 3.
VI. **Add Building**: Implement this page to add a new building to the table. The implementation is similar to the Add Staff page.
VII. **Building List**: Implement this page to list all building in the table. The implementation is similar to the List Staff page.

Grading:

Description	Points
Add Staff Page	
HTML Form with SELECT list	5
PHP functions	5
SQL Functions	10
Sticky form and form validation	5
Page's total points:	25
Staff List Page	
HTML View	10
PHP functions	5
SQL Functions	10
Delete and validation	5
Page's total points:	**25**
Add Building Page	
HTML Form with SELECT list	5
PHP functions	5
SQL Functions	10
Sticky form and form validation	5
Page's total points:	25
Building List Page	
HTML View	10
PHP functions	5
SQL Functions	10
Delete and validation	5
Page's total points:	**25**

| Home | Add Person | Person List | Add Staff | Staff List | Add Building | Building List |

Person:	(28) sdfasdf, asdfa ▾
Salary:	
Start Date:	
End Date:	
Emp Number:	
	Add Reset

A SELECT list of all persons

Change this to be your name

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Figure 2: Add Staff

| Home | Add Person | Person List | Add Staff | Staff List | Add Building | Building List |

ID	Last Name	First Name	DOB	Address	Salary	Start Date	End Date	Employee #	
20	lname30	fname30	2019-07-05	294 8th Av NY	20000	2019-03-27		SLBUO	Delete
19	lname29	fname29	2019-03-26	749 10th Av NJ	80000	2019-11-23		QACIZ	Delete
18	lname28	fname28	2019-03-07	580 18th Av NY	250000	2019-06-23		AJGIA	Delete
17	lname27	fname27	2019-10-06	971 4th St CT	60000	2019-11-12		QPIAA	Delete
16	lname26	fname26	2019-03-23	840 2nd St NY	30000	2019-04-16		IPPNC	Delete
15	lname25	fname25	2019-09-13	541 7th Av PA	10000	2019-10-08		QFNWW	Delete
14	lname24	fname24	2019-01-19	501 14th Av NJ	60000	2019-07-11	2019-09-09	TZZRS	Delete
13	lname23	fname23	2019-09-12	428 2nd St PA	850000	2019-12-10		SEUBO	Delete

Figure 3: Staff List