CSIS 3280 Lab 07-002: OO Web Application with PDO and DAO

- Download the template lab file and extract it
- Make sure to follow the naming convention, e.g., Lab07_ABcXXXXX.sql
- Complete the task
- Make sure to zip the folder and submit it through the blackboard

Introduction

You are required to create an OO web application utilizing PDO and DAO such that:

1. The user can see the list of facility reservation from the start
2. The user can "Edit" or "Delete" any reservation through a link from the corresponding reservation
3. The user can also create a new reservation

Requirement

1. You cannot modify the database schema in any way
2. You cannot modify any class name and function signature
3. You may only have one main controller file
4. At the start, user can see the list and create reservation form. Upon clicking on the "Edit" link, the user should see the Edit Form
5. The Delete link should simply delete the corresponding reservation
6. Your reservation list need to be always up to date following any create, update or delete operations
7. The select input must be populated with the facility name from the database
8. The select input must always display the correct current facility name selected that correspond to the reseervation being edited in the Edit form

Hints

1. Refer to the Week 09 demo files
2. Do the lab one step at a time
   a. First get the read working
   b. Then get the delete working
   c. Populate the create reservation form's select from the database
   d. Get the create reservation working
   e. Get the edit reservation working and make sure the select input display the current selected facility name
3. Remember to comment out any syntax error, free your code from any warning and debug info messages
4. You can set the form action to $_SERVER['PHP_SELF'] to refer to the controller file to return to the usual GET request URL

LAB/ASSIGNMENT PRE-SUBMISSION CHECKLIST

- Did you follow the naming convention for your files?!
- Did you follow the naming convention for your folder?!
- Does your submission work on a lab computer?!
- Double check **before** submitting

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Current Data

The facility name is displayed here. You need to perform join to get this

List all facility name, populated from the database

ID	Name	Facility	Date	Length	Edit	Delete
3	Joane Gouldstraw	Meeting Room	2020-12-13	7	Edit	Delete
5	Juliann Goslin	Meeting Room	2020-11-13	5	Edit	Delete
9	Hyacinthe Fisby	Meeting Room	2020-11-02	3	Edit	Delete
10	Emili Middle	Meeting Room	2020-12-03	3	Edit	Delete
18	Ruben McCoid	Meeting Room	2020-10-13	1	Edit	Delete
22	Bambang	Meeting Room	2020-07-06	1	Edit	Delete
4	Chickie Trueman	Classroom	2020-10-15	2	Edit	Delete
14	Maxie Allgood	Classroom	2020-12-14	1	Edit	Delete
1	Collete Brownlee	High-Tech Room	2020-11-07	7	Edit	Delete
2	Obediah Dupree	High-Tech Room	2020-09-25	5	Edit	Delete
15	Meaghan Dufour	High-Tech Room	2020-09-20	5	Edit	Delete
20	Darcee Garbutt	High-Tech Room	2020-09-12	5	Edit	Delete

Create Reservation

Name

Email

Facility   Meeting Room

Date   yyyy - mm - dd

Length

Add Reservation

The Edit and Delete links for the corresponding reservation

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Current Data

ID	Name	Facility	Date	Length	Edit	Delete
3	Joane Gouldstraw	Meeting Room	2020-12-13	7	Edit	Delete
5	Juliann Goslin	Meeting Room	2020-11-13	5	Edit	Delete
9	Hyacinthe Fisby	Meeting Room	2020-11-02	3	Edit	Delete
10	Emili Middle	Meeting Room	2020-12-03	3	Edit	Delete
18	Ruben McCoid	Meeting Room	2020-10-13	1	Edit	Delete
22	Bambang	Meeting Room	2020-07-06	1	Edit	Delete
4	Chickie Trueman	Classroom	2020-10-15	2	Edit	Delete
14	Maxie Allgood	Classroom	2020-12-14	1	Edit	Delete
1	Collete Brownlee	High-Tech Room	2020-11-07	7	Edit	Delete
2	Obediah Dupree	High-Tech Room	2020-09-25	5	Edit	Delete
15	Meaghan Dufour	High-Tech Room	2020-09-20	5	Edit	Delete
20	Darcee Garbutt	High-Tech Room	2020-09-12	5	Edit	Delete

Edit Reservation - 1

Reservation ID   1

Name   Collete Brownlee

Date   2020 - 11 - 07

Length   7

Facility   High-Tech Room

Edit Reservation