

ITIS 3105 Server-Side Application & Data Management  
In-Class Assignment 05

**Basic Instructions:**

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1. In every file submitted you MUST place the following comments:
  - a. Assignment #.
  - b. File Name.
  - c. Full name
2. Each group is required to submit the assignment on Canvas.
3. Please download the support files provided with this assignment and use them when implementing your project.
4. Submission details:
  - a. The file name is very important and should follow the following format:  
**Group#\_InClass05.zip**
  - b. You should submit the assignment through Canvas: Submit the zip file.
5. **Failure to follow the above instructions will result in point deductions.**

## In-Class Assignment 05

In this assignment you will practice **UPDATE** statements in MySQL through PHP. You already have built music\_shop database schema to maintain information about musical instruments. Your schema should look like the following schema:

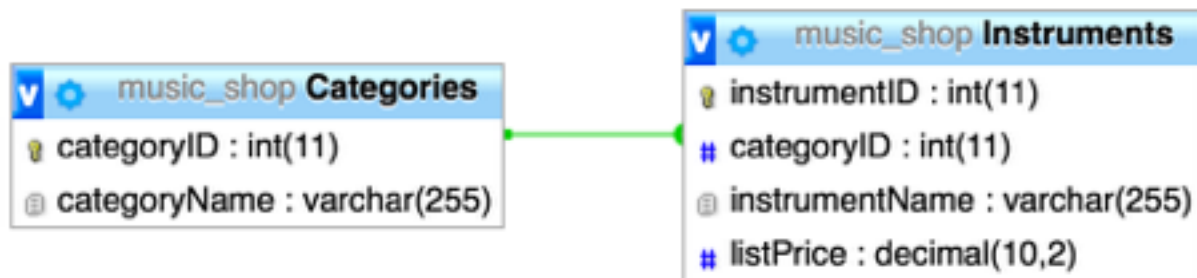


Figure 1: Music\_shop schema

This inClass assignment is based on your previous work in InClass03 (SELECT practice). Copy the content of InClass03 and paste it inside the folder **InClass05** that will have the main skeleton for the project. The folder should be your **home directory** and continue working there.

### Part 1: Modify index.html

## Instruments List

### Categories

[Guitars](#)

[Basses](#)

[Drums](#)

### Guitars

ID	Name	Price
1	Fender Stratocaster	699.00
2	Gibson Les Paul	1199.00
3	Gibson SG	2517.00
4	Yamaha FG700S	489.99
5	Washburn D10S	299.00
6	Rodriguez Caballero 11	415.00

Enter Row ID :

Update Record Reset

Figure 1: Specify which row to update

In order to update Instruments table, user must specify which row to update. Thus, you should a form that having the following inputs:

- Row ID text input
- Submit: submit the form to a php file
- Cancel: reset the form

## **Part 2: Instruments Update Form**

### **Guitars**

ID	Name	Price
1	Fender Stratocaster	699.00
2	Gibson Les Paul	1199.00
3	Gibson SG	2517.00
4	Yamaha FG700S	489.99
5	Washburn D10S	299.00
6	Rodriguez Caballero 11	415.00

Enter Row ID : 6

Update Record

Reset

Category: Guitars

Instrument Name : Rodriguez

Instrument Price : 415.00

Update

Cancel

(a) Specify which row to update

(b) Update Form with selected row data

**Figure 2: Update Form workflow**

Clicking Update Record on index should pass the row id to the next page and use the passed parameter to populate the details of the selected row in the Update form. The Form contains:

- Category Drop Down list (select) : This item should be initialized with corresponding category
- Instrument name: text initialized with corresponding instrument name
- Instrument Price: text initialized with corresponding instrument price
- Update: Submit to another php file
- Cancel: Reset the form

## **Part 3: Update the Table**

In previous part, Update Form is shown to the user. The user may change one or more value. Hence all information on the update form should be passed to a php file to update the table according to the changed value(s).

Update Example: [http://www.w3schools.com/php/php\\_mysql\\_update.asp](http://www.w3schools.com/php/php_mysql_update.asp)

After the update statement, you should display the result of the update operation.

Also, you should query Instruments of corresponding category and display in a table. (see Figure 3(b))

Category:

Instrument Name :

Instrument Price :

**1 records UPDATED successfully**

ID	Name	Price
1	Fender Stratocaster	699.00
2	Gibson Les Paul	1199.00
3	Gibson SG	2517.00
4	Yamaha FG700S	489.99
5	Washburn D10S	299.00
6	Rodriguez	200.00

**(a) Change some value**

**(b) Update result**

**Figure 3: Update Table workflow**