CTIS 256

Midterm #2 – Spring 2019

120 mins

Import "**testDB.sql**" into "**test**" database. "**db.php**" is given to access "**test**" database in your local machine. Also, the css file and two templates (html) are given in the zip file. In this example, you have to use php to solve the problem, *you cannot use Javascript, or jQuery*.

QUESTION :

You are supposed to develop a Web Application that stores your actions and suggests a random one. Web form contains only one textbox and a submit button ("Add One"). *You have to watch the given video file "ctis256-video.mp4" to understand what you are supposed to do.*

Q1. (35Pts) Check out given template html files and css, then, write the application that displays actions given in "todo" table, and the number of actions next to "Your Options" label as in Fig1. You can use "*select * from todo*" to retrieve actions in todo table. If there is no action, it displays "List is empty".
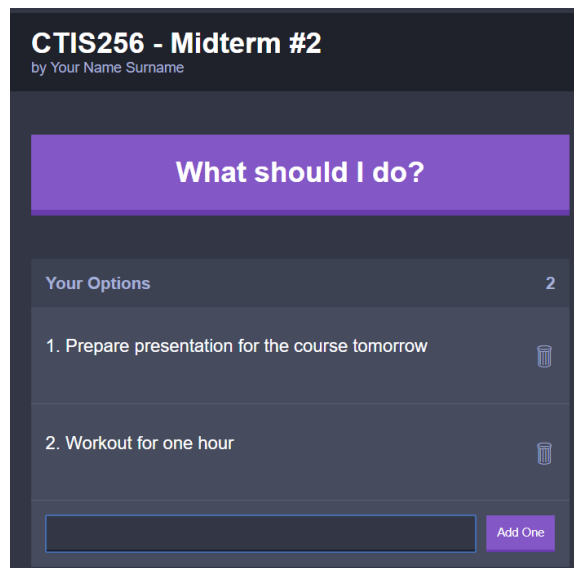

Fig 1: Initial page

Grading:

- (25Pts) List all actions in "todo" table.
- (5Pts) Display number of actions ("2" in this example)
- (5Pts) Display "List is Empty" if there is no actions.

Q2. (30Pts) Insert a new action using web form at the bottom. To insert an action, you can use "*insert into todo (action) values (?)*". If the content of the textbox is empty, It displays an error message "Type some value" and if the content already exists, it shows "It already exists!", otherwise, it adds the action to "todo" table.

Grading:

- (15Pts) add new action
- (10Pts) check if action already exists.
- (5Pts) check if action is not empty.

Q3.(20Pts) Delete the action when you click on thrashcan icon (a link) in the same row. SQL query is "**delete from todo where id = ?**". There is no need to check if "id" is a number or not.

Q4.(25Pts) "What should I do?" is a link, and when you click on it, it displays a random action in a modal dialog box. "template2.html" shows how to create a modal dialog box. If the list is empty, "What should I do?" button will have "disabled" class to show that it is not clickable. To select a random action/number, you can use "rand()" function such as **rand(0,10)** returns a random number between 0 and 10 inclusive.

Grading:

- (15Pts) Random action in a modal dialog box.
- (5Pts) Click "OK" button in dialog box to go back to main page.
- (5Pts) Button is disabled if there is no actions.

ATTENTION:

- You are given a zip file with "db.php", "testDB.sql" and "style.css" and two html examples.
- Use http://localhost/phpmyadmin to import "testDB.sql" into "test" database. Before importing the sql file, you have to select "**test**" database.
- Import "db.php" library to your php file(s).
- You can use one or more php files.