Project#4 [40 points]

COP 3813 Fall 2017

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# Delivery:

* **On Canvas:** A single zip file containing **all** files (.html, .css, .jpg, etc.) necessary to see your page in a browser window. There will be a deduction if the assignment is sent via e-mail no matter what the circumstances are.
* Please name your file using your FAU username as a filename,P4\_[yourusername](http://lamp.cse.fau.edu/~username).zip.
* **On Lamp Server:** The web page and associated files (along with complete Bootstrap files and directories needed) must be placed under [http://lamp.cse.fau.edu/~yourusername](http://lamp.cse.fau.edu/~username)/p4 and should be browseable as was the case with project 1 and 2.
* Ask question about how to delivery here if you do not understand no later than 20171130.

# Requirements

This will be a **multi-page project with menus, dynamic content and fully function forms using PHP.** This website should be about the same company that we worked on for Project 1 and 2. It should completely implement the static and dynamic components of the three user stories and update your main page accordingly.

1. [15 points] At least one of your user stories should have dynamic content and a form that the user will use to provide information with at least 6 required fields.
2. [5 points] You must implement at least one table in your mysql database. (Treat it as part of requirement above)
3. [5 points] You SHOULD use navigation bar to navigate to all components of your website. Optionally, you can also use other ways of invoking the user stories as you see fit.
4. [project score =0 if not] The main page **must** be available (as ***index.html***) at the ***p4*** folder of your area on **lamp.cse.fau.edu** server. You are free to name other pages (if any) as you wish. However, you will be wise to name them after the user story names.
   * In other words, my grader and I should be able to go to [http://lamp.cse.fau.edu/~yourusername/p](http://lamp.cse.fau.edu/~yourusername/p3)4 (where ‘yourusername’ is your FAU username) and find the live version of this assignment.
5. [5 points ] The project should be responsive and should look good on all screen sizes. You should use at least three different breakpoints (BPs) in your framework: one for mobile devices, one for tablets and the other one for desktop applications.
6. [project score =0 if not] It must be built using Bootstrap.
7. [5 points] You must have at least four images in your entire project, and these images must scale dynamically with the size of your screen.
8. [project score =0 if not] It **must** be your own work. If you use a site, textbook example or any other source as “inspiration” or starting point, please make a note of it.
9. [5 points] Incorporate google analytics into your project.

## Bonus

1. [5 points] You implement an AJAX call (javascript or jQuery) to update data that is visibly live (changes within 2 minutes)
2. [5 points] You implement a complete shopping cart of your own (not just used a plugin)
3. [5 points] The shopping cart is hooked up with a live payment system.

# Addition Grading Notes

* + **Presentation and content not properly separated using style sheets -20%**
  + **Incorrect Directory Structure and/or it does not use separate directories for your artifacts from the code you downloaded. -10%**

## Folder Structure of Lamp Server after Project 3 is done:

public\_html/

|

|--index.html

|--images/ (directory for images of HW1)

|--- (possibly other folders and files.)

|

|--p1

|--p2

|--p3

|--p4

| |-index.html

| |- (other html and php files)

| |-css/ (came with Bootstrap)

| |-js/ (came with Bootstrap)

| |-images/ (your own images)

| |-myjs/ (optional - js files that you created)

| |-mycss/ (optional - css files that you created)

|--hw2

|

|

## FAQs about this Homework:

(HW related questions that do not belong to any specific problem above can be posted below as comments below. Highlight an available number and place your question as comment See example 1 below).

Question 1

Question 2

Question 3

Question 4

Question 5

Question 6

Question 7

Question 8

Question 9

Question 10