

Homework 4

XAMPP Server Installation and Hands-On Practice

Hw 4 Assigned on 2018/10/9, Report Due 2018/10/22

Hand-In Requirement

- Prepare a activity/laboratory report (name it **Hw4-WebSys-YourName.docx**) using the ECET Lab report guideline found at <http://www.etcs.ipfw.edu/~lin/InfoForAllCourses/laboratoryreport.htm>; make sure that you copy all activity/question and results in the DATA section
- Due **October 23, 2018** as an email attachment to Prof. Lin at lin@pfw.edu , be sure to add
 - Subject: ITC-250-CPET 499 Hw 4 Submission, due 10/23/2018

References

- Apache HTTP Server Project, <http://httpd.apache.org/>
- XAMPP Apache + MySQL + PHP + Perl, <https://www.apachefriends.org/index.html>
- Windows Frequently Asked Questions, https://www.apachefriends.org/faq_windows.html
- How do I test a website using XAMPP?, <http://stackoverflow.com/questions/16772198/how-do-i-test-a-website-using-xampp>

Hw 4 Activities

1. Read Ch 11. Introduction to Server-Side Development with PHP, pp. 492-510.
2. Find the needed document to gather and report the XAMPP Specifications and minimum hardware system requirements (computer hardware).
3. Download XAMPP and install XAMPP on your own PC or notebook PC.
4. Experimenting/testing the installed XAMPP server through XAMPP Control Panel:
 - a. Apache: Start, Stop, Admin, Config httpd.conf
 - b. MySQL: Start, Stop, Admin,
 - c. Netstat: looking and reporting for XAMPP server related processes, PIDs
5. Find the folders and locations of the installed Apache Web server, MySql, PHP, and Perl.
6. PHP Command Line Testing
 - a. Click on the Shell on XAMPP Control Panel
 - b. Then enter the following under the XAMPP for Windows Command Prompt to examine the installed PHP version info
 - php -v
 - cd php
 - php -v
7. Make sure that your Apache server is already started
8. Test XAMPP server, as a local host; and report your testing results:
 - a. Locate htdocs folder under your c:\xampp server folder
 - b. Add a new folder called "textbook", then add "ch3" folder under c:\xampp\htdocs\textbook
 - c. Add the three project files: Project1, Project2 and Project3 to c:\xampp\htdocs\textbook\ch3 folder
 - d. Create an **index.html** home page and place it under **c:\xampp\htdocs**, add three links with proper project title to the following html pages
 - chapter03-project01.html => Share Your Travel Photos
 - chapter03-project02.html => Customer Relations Management Admin
 - chapter03-project03.html => Art Store
 - e. Invoke your index.html using either one of the following form, to see if you are ready to host a in-house testing web site:
 - <http://localhost/index.html>
 - <http://127.0.0.1/index.html>

Due item:

Prepare the XAMPP installation and testing report (in the Lab report format) (see the following guideline for your reference, <http://www.etcs.ipfw.edu/~lin/InfoForAllCourses/laboratoryreport.htm>)

- ** Objectives
- ** Computer Equipment and Software Used
- ** Procedure
- ** Data (Screen shots, results)
- ** Conclusion