

IS 383 – Internet Programming and Applications

Class Assignment – Number 2

This is the second group assignment and will be presented in our lecture hour on **Tuesday 7th January 2014** and continue during practical class on **8th January 2014**.

Instructions

1. Find relevant materials on the assigned topic from the internet.
2. Each group should make thorough reading on a given topic before preparing the summary and class presentation.
3. Read and discuss among yourselves on the basic concepts/ideas on the assigned topic
4. Summarise your topic in 4-5 pages (**excluding the front pages with the name and title of your assignment**) with the following format guideline
 - a. Use A4 papers
 - b. Font size – 12
 - c. Font size for all headings should be 14 and centered
 - d. Font type – Arial
 - e. Margins – 2.5cm right, 2.5cm top, 2.5cm bottom, 3cm left
 - f. Page numbers – bottom of page – centre
 - g. Line space
5. Prepare a PowerPoint presentation to be presented by team members in classes (you can make 8-12 slides)
6. The printed copy of your topic will be collected after the Lecture hour on **Tuesday 7th January 2014**
7. The presentation should be sent to me through my personal email by **9:00am** on **Tuesday 7th January 2014**. **Delay will not be tolerated and will be highly penalized to all group members**

What is requiring from your group?

1. For each group/topic the focus should be on the following
 - a. Detailed and researched definition of the given subject/ topic – in case there is more than one explanations on the subject, you are expected to indicate
 - b. Explain what is the technology all about and how does it relate to other exiting technologies
 - c. Give relevant and practical examples on how it is used
 - d. Explain the main features of the technology/topic
 - e. Show practically (eg. Using Codes, tables) how the basic structure of the technology works
 - f. Explain strength and weakness of the technology
 - g. Compare the technology with other existing alternative technologies (in case any exists)

Topic allocation

1. Group one – HTML
2. Group two – CSS
3. Group Three – PHP
4. Group Four – Java Script
5. Group Five – JQuery
6. Group six - ASP.NET
7. Group Seven - AJAX
8. Group Eight – PostgreSQL
9. Group Nine – Web 2
10. Group Ten – XML

NB:

1. Do not complicate the assignment. Do only what you have been asked to do (nothing more, nothing less)
2. For clarity, you are allowed to use any feature (diagram, picture, etc)
3. I will not receive any excuse as to why one has not participated in a group. Therefore, each students should make sure he/she participates fully in this assignment
4. Include the list of all references/literature that will be consulted in doing your assignment