COMP 2920 : Software Architecture & Design

Seminar session

Weight : 2% Date : 13th September 2017

Objective : provide an insight into various architectural styles

We have discussed various system architectural styles. Today, you would be researching more and working in details on any two architectural styles of your choice. Out of which, 1 may be the common one, and another not so common.

A tentative list of architectural styles is given below:

1. Repository
2. Pipe & Filter
3. Object Oriented
4. Implicit invocation
5. Layered
6. Interpreter style
7. Java Architecture
8. Process control
9. Feed-back control
10. Black board
11. Client server
12. ORB/CORBA
13. RPC
14. Peer-to-peer
15. Main program –subroutines
16. Batch
17. Sequential
18. Virtual machine
19. Event based
20. Publish-subscribe
21. C2
22. MVC

This assignment has two parts and can be done in a GROUP of TWO STUDENTS.

Part –A (for today)

Choose two styles, and research on internet to generate a report consisting of:

1. Name of the styles
2. Introduction
3. General structure or functioning
4. Applicable area/application
5. Advantages
6. Disadvantages
7. Any special comments about the style…..

Please mention the sites you have referenced for making this report. Submit the document on blearn by **MIDNIGHT TODAY**. Mention the names of the group members and you need to submit only one assignment per group.

PART-B (Next Wednesday)

Based on the review from the instructor, you may need to prepare a presentation to give it to the class on the architectural style you have worked on.

\*\* You may still work in your own defined groups.