PC 1: Incremental Commitment Spiral Model and WinWin (15 points)

Due: Wednesday, August 30, 2010 at 11:59 am

Instructions: Complete the assignment and submit through DEN online via the "View/Complete" assignment link. File Naming Convention: LastName_Firstname_PC1.doc

Questions? Post them on DEN Discussion Board

Readings:
http://greenbay.usc.edu/csci577/fall2009/site/coursenotes/ep/index.html

EP-01: Using the WinWin Spiral Model: A Case Study
EP-06: System Development Process: The Incremental Commitment Model*

and class lectures that have been delivered thus far.

*ICM is the same as ICSM (Incremental Commitment Spiral Model). There has been a name change of the Model.

Answer the following questions

1. (3 points) The Incremental Commitment Spiral Model (ICSM) encourages concurrent engineering. In CSCI 577ab how do you think concurrent engineering is/can be applied? In ICSM 'Risk' identification/mitigation plays a very critical role – How is it incorporated? (elaborate the use and applicability of 'risks' in ICSM)

2. (3 points) What is the importance of “Anchor point milestones”? In CSCI 577a we have 2 Architecture Review Boards (ARBs). What according to you is supposed to happen during the ARB sessions? How important do you suppose them to be?

3. (3 points) What 'Models' form a part of the P’S Model Integration Framework? In which 'model' does Stakeholder WinWin Negotiations belong? How do you think these Models are documented and maintained for consistency (i.e., there is a tool for each model, each model is separately maintained, models are cross linked (like HTML links) etc.)?

4. (3 points) What do you mean by “Win Win Negotiations”? Why is it important to have a WinWin situation? Give an example of ANY negotiation that you've had with ANY ONE in the past that you thought was a win-win for all parties involved? (it could be as simple as with your parents/family or with your employer, business partner, friend etc. in any situation whatsoever. It is to ensure that the meaning of 'win win' is understood).

5. (3 points) According to you:
   - What all should be 'documented' during a Win Win Negotiation Session?
   - How does one identify potential 'clashes' among the various stakeholders 'win conditions'? (e.g.: Manually going through the documents, using a Natural language processing engine to automate this etc., Any way you think how it would/should be done)
   - Assume there are about 50 Win Conditions documented and around 5 distinct involved parties (Success Critical Stakeholders). How would you 'satisfice' all of them?? (Hint: Win Win Negotiation Model)

Note: Please be concise and to the point. You MUST cite references if you use the content. Copy/Pasting and citing references for the same ARE NOT ACCEPTABLE! The assignments are for checking your level of understanding – not copy/pasting and/or rewording skills. DON'T DO IT!