

# CSCI 577a, Fall 2002

## IV&V Early OCD Evaluation Report

### Schedule

IV&V		Based on Team Assignments	
Due Date	Assignment	Team Artifact	Deadline
10/11	Evaluation of early OCD (20)	OCD Early Sections (20)	10/4

Check the 577a Schedule Webpage for any changes to the deadlines.

In general, we've tried to give you a week from the team artifact deadline to produce a report on your evaluation. If you do not have access to the team artifact(s) by their deadline, you must discuss with the team when you will have access. Please copy Ed Colbert ([ecolbert@usc.edu](mailto:ecolbert@usc.edu)) and Mohammed Alsaïd ([alsaid@usc.edu](mailto:alsaid@usc.edu)) on any related E-mail. If you cannot get the artifact in time, send E-mail explaining the situation to Ed Colbert ([ecolbert@usc.edu](mailto:ecolbert@usc.edu)), and Mohammed Alsaïd ([alsaid@usc.edu](mailto:alsaid@usc.edu)). We'll evaluate your situation and see what can be done.

### Task:

Review the early OCD Package Team Assignment (follow link from 577a Schedule). Produce a report in which you evaluate the team early sections of OCD effort and results. In addition to the general issues described in the *IV&V Assignments & General Guidelines*, you should consider the following.<sup>1</sup>

1. Are the actors in the System Boundary and Environment [OCD 2.3] identified as Key Stakeholders [OCD 2.2]?
2. Are there any contradictions between the High-Level Business Case [OCD 2.5] and System Benefits [OCD 2.1.1]?
3. Does the System Boundary and Environment [OCD 2.3] identify the complete list of user organizations described in the Organization Background [OCD 3.1]?
4. Does the results chain indicate success-critical stakeholders not identified in Key Stakeholders [OCD 2.2]?
5. Are the major activities to be undertaken by the stakeholders in the Inception Phase consistent with the available resources [OCD 2.6]?
6. In the Interaction Model [OCD 3.6]:
  - a Is every entity associated with at least one activity?

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<sup>1</sup> These questions deal with the whole OCD. Some may not apply to the Early OCD. We felt it best to give you one complete list.

- b Is every activity associated with at least one entity?
7. Do the Organization Goals [OCD 3.2] satisfy all organizations identified in Organization Background [OCD 3.1]?
  8. Is the statement of purpose [OCD 4.1] clear and concise?
  9. Are there activities described in the Current Organization Activity Model [OCD 3.3] that are not supported by services in System Boundary and Environment [OCD 2.3]?
  10. Are there activities described in the Current Organization Activity Model [OCD 3.3] whose interactions are not described Interaction Model [OCD 3.6] or vice versa?
  11. Are there entities in the Current Entity Model [OCD 3.5] whose interactions are not described Interaction Model [OCD 3.6] or vice versa?
  12. Will the project constraints [OCD 2.4] prevent the realization of project benefits [OCD 2.1.1]?
  13. Will the project constraints [OCD 2.4] prevent the realization of organization goals [OCD 3.2]?
  14. Will the project constraints [OCD 2.4] prevent the realization of project goals [OCD 4.2]?
  15. Will the project constraints [OCD 2.4] prevent the realization of the proposed system capabilities [OCD 4.3]?
  16. Are there any conflicts between project goals [OCD 4.2] and organization goals [OCD 3.2]?
  17. Are the proposed activities [OCD 4.5.1] compatible with the proposed capabilities [OCD 4.3]?
  18. Are the proposed entities [OCD 4.5.2] compatible with proposed activities [OCD 4.5.1]?
  19. In the Proposed Interactions [OCD 4.5.3]:
    - a Is every entity associated with at least one activity?
    - b Is every activity associated with at least one entity?
  20. Do the proposed system capabilities [OCD 4.3] address existing capabilities and current system shortfalls [OCD 3.7]?
  21. Do proposed system levels of service [OCD 4.4] address current system shortfalls [OCD 3.7]?

22. Do proposed system activities [OCD 4.5.1] conflict with current organization activities [OCD 3.3]

**Comment:** Conflict?

23. Do the key stakeholders [OCD 2.2] approve the new system's effects on their daily operation [OCD 4.7]?

24. Does the organization identified in the Organization Background [OCD 3.1] have the identified operational stakeholders [OCD 4.7.1]?

25. Does the proposed system's effect on operation violate any operational policy [OCD 4.7.3]?

26. Does proposed system's operational impact [OCD 4.7.4] limit the realization of project goals [OCD 4.2]?

27. Does proposed system's operational impact [OCD 4.7.4] violates any operational policy [OCD 4.7.3]?

### **Report:**

We are interested in finding as many inconsistencies as possible between the various sections. Please report your data into the "Model Clashes" form. Ignore weeks 2-10.