

Team Assignment – "OCD Early Sections (20)" v4

Due 10/04/2002

This assignment is a companion to the first Quality Report, "QR(10)". You can't correctly complete this assignment without doing BOTH. This assignment requires additional quality reporting independent of the Quality Report (QR). It also requires the use of Rose and the 577a Rose "mdl" file template. This assignment results in an improved OCD document, at least for the early sections, and an improved Rose .mdl file covering at least the diagrams identified in the *suggested* exit criteria that are also compatible with the guidelines.

0. If your project deviates significantly from the traditional CS577a library eServices project, discuss with the CS577a instructional staff possible changes in the Rose template ("mdl" file).

1. Generate the Rose diagrams using the 577a Rose "mdl" file template. Then generate the draft of the Early OCD Sections (for reference see EarlyOCD_ECv2.doc for contents specification; **attached below**). Cut-and-paste the diagrams from your Rose "mdl". Note: the draft should be BOTH spell-checked (make sure the language [Style/Format/Language] is English [United States]) and grammar checked (use the "Technical" writing style).

2. Do an Agile Internal/Informal Review of the document (the "Early Sections of the OCD"). The process for this review is explained in AgileInternalReviewProcess.doc which is part of the zip file containing this package. It would be good to include the customer (or his/her representative) in the review, but it is not mandatory. The Agile Internal/Informal Review includes generating the following parts of the Review Forms for the Quality Report: Areas of Concern Log, Problem List and Review Results Summary.

3. **If** the customer/client did not participate in the inspection, it would be good to have him/her review the "early sections" of the document since much of the information comes directly from the client. Then fix any "problems" reported by the client/customer, and generate a "AgileArtifactReview_Form.xls". Have the client fill out this form or complete them yourself with the client telling you verbally. In the AgileArtifactReview_Form: issues are identified based on possible changes that are investigated; a defect is "any change" resulting from the review; and "open issues" are those that can not be resolved in the OCD.

4. Submit (for Grading and Archiving by CSE)

4.a. The corrected document with all the (corrected) sections identified in paper form.

4.b. The final MS Word document (the OCD Early Sections) and Rose Model used to produce diagrams included in the document [both in electronic form].

4.c. A filled in AgileArtifactReview_Form.xls. These are required only if a separate (from Agile Internal/Informal) review was performed by the client or any body else in time for modifications to the document.

Exit Criteria for Early Sections OCD (LCO level, MBASE with RUP variant)

1. Introduction section with
 - a. **Purpose of the Operational Concept Description Documentation** [SfA MBASE GL ver. 3.2.2 OCD §1.1, first bullet.]
 - b. **References** [SfA MBASE GL ver. 3.2.2 OCD §1.2, first bullet.]
2. **Shared Vision** section with at least one major/primary benefit realization and [SfA MBASE GL ver. 3.2.2 OCD §2. coverage for "a shared vision among its stakeholders of the project and system's goals, objectives and strategies and of each stakeholder's [appearing in the benefit realization chain] roles and responsibilities in achieving these."
 - a. **System Capability Description** section [SfA MBASE GL ver. 3.2.2 OCD §2.1, first, second, third, fourth, fifth and sixth bullet.]
 - i. **Benefits Realized** sub-section with a list of all expected benefits [SfA MBASE GL ver. 3.2.2 OCD §2.1.1.]
 - ii. **Results Chain** subsection for at least one major/primary "outcome" with a diagram in *The Information Paradox* format and a static structure diagram [SfA MBASE GL ver. 3.2.2 OCD §2.1.2: IP form diagram like figure 1; and static structure diagram to RUP GL with initiatives to outcomes generally flowing left to right and/or top to bottom]
 - b. **Key Stakeholders** subsection with each stakeholder appearing in the 2.a.ii. [above] results chain [SfA MBASE GL ver. 3.2.2 OCD §2.2: consider tabular format.]
 - c. **System Boundary and Environment** [SfA MBASE GL ver. 3.2.2 OCD §2.3, first and second bullet; RUP GL for diagram]
 - d. **Major Project Constraints** [SfA MBASE GL ver. 3.2.2 OCD §2.4.]
3. **Domain Description** section with [SfA MBASE GL ver. 3.2.2 OCD §3, first, second, third, and fourth bullet regard to Why, What, Where and How.]
 - a. **Organization Background** [SfA MBASE GL ver. 3.2.2 OCD §3.1.]
 - b. **Organization Goals** [SfA MBASE GL ver. 3.2.2 OCD §3.2, first, second, and third bullet in regard to M.R., follow the tabular format.]
 - c. **Current Organization Activity Model** [SfA MBASE GL ver. 3.2.2 OCD §3.3.]
 - d. **Description of Current System** with a static structure diagram and one "snapshot" if the there are more than one configurations of the system [SfA MBASE GL ver. 3.2.2 OCD §3.4, first and second bullet; RUP GL.]
 - e. **Current Entity Model** [SfA MBASE GL ver. 3.2.2 OCD §3.5, fourth, fifth and sixth bullet; RUP GL]
 - f. **Interaction Model** [SfA MBASE GL ver. 3.2.2 OCD §3.6, fifth, sixth, seventh, and eighth bullet.]
 - g. **Current System Shortfalls** [SfA MBASE GL ver. 3.2.2 OCD §3.7.]
4. **Proposed System** section with [SfA MBASE GL ver. 3.2.2 OCD §4, first and second bullet.]
 - a. **Statement of Purpose** [SfA MBASE GL ver. 3.2.2 OCD §4.1.]
 - b. **Project Goals and Constraints** [SfA MBASE GL ver. 3.2.2 OCD §4.2, first (regard to M.R.S) and second bullet, follow the tabular format.]
 - c. **Capabilities** for 2 to 4 System Capabilities [SfA MBASE GL ver. 3.2.2 OCD §4.3.]
5. The contents of the all the sections should be clearly understandable to all the readers from the intended audience and free from spelling and grammatical errors.

[Exit Criteria Acronym's and Symbols]

§: Section; **SfA**: Standard for Acceptance; **GL**: Guidelines;

~~Strikethrough~~ Does not apply. Typically used on quoted text to retain context.