

**CSCI577a – Fall 2006 – Software Engineering
Team Website Configuration Management (30 points)**

Due Date: 11/20/06, 2:00 pm

Exit Criteria: Strictly follow this team website Guideline

Contact Person: csci577@usc.edu

Version History

| Date | Person | Changes Made | Rationale |
|----------|--------|---|--|
| 11/10/06 | SK | ▪ Update Time-related Information | ▪ Initial Version from eBase Guideline |
| 11/16/06 | SK | ▪ Corrected file names in IV&V folder ▪ Added QMP files to IV&V folder | ▪ Incorrect IV&V problem list file type ▪ Missing QMP files |
| 11/17/06 | SK | ▪ Updated color of figure 1 & 3 | ▪ Wrong color for files and folders |

1. To set up your team website, Contact: csci577@usc.edu

You need to do the following to gain access to your team website space:

In order for you to access the server you need a telnet and/or ftp client.

Log on to the server: **greenbay.usc.edu**

Your username is: **teamxx** where xx = your team number, (eg.: team01, team11, ...)

Your password is: **teamxx** where xx = your team number, (eg.: team01, team11, ...)

Use the command *passwd* in telnet to change your team password after logging in.

Access your team web site using the url:

<http://greenbay.usc.edu/csci577/Fall2006/projects/teamxx/>

IV&V's also have to put their project artifacts in the team website.

2. Guidelines

Grading criteria:

One point will be deducted if you break one of the following guidelines one time.

For example, if you have two WS_FTP.LOG files, you will lose two points.

Storing Project Deliverables for CSCI577a

To receive their midterm project grades and final project grades, the team must follow the following guidelines:

General Directory Structure for TeamXXa:

1. Store project deliverables in the directory structure shown under "General Directory Structure for TeamXXa" in Figure 1.
2. For a hypothetical team - *TeamXXa*, where **XX** means the number of the team like 01, 02, 03 ...
3. In every file name, **F06** means Fall 2006
4. All stuff in this structure should be accessible through the web by the public.
5. Everything in the structure must have at least one URL in a HTML page in the structure.
6. All directories / sub-directories should be accessible through FTP by the CSE instructional staff through the read and execute permissions must be put at the "group" level.
7. "....." in each directory means you can put additional files/directories if they are needed.
8. Please make sure to use exactly the same capitalization in the names, since as you know, UNIX is case-sensitive!
9. Use ONLY **relative links**. For example, use "LCO/OCD_LCO_F06a_T19.doc" instead of http://www-scf.usc.edu/~csci577/teams/team19a/LCO/OCD_LCO_F06a_T19.doc in your home page.
10. If your prototype absolutely requires absolute references, document those in a readme.txt file.

11. If you generate subdirectories other than the ones listed below, generate a "readme.txt" file explaining the contents of those various directories
12. If you have more than one file for the one artifact, you can create a directory to store them or you can compress them as a zip file. For example, you can create /OCD/ in LCO or LCA, store additional files including **index.html** that belong to the Operational Concept Description (OCD).

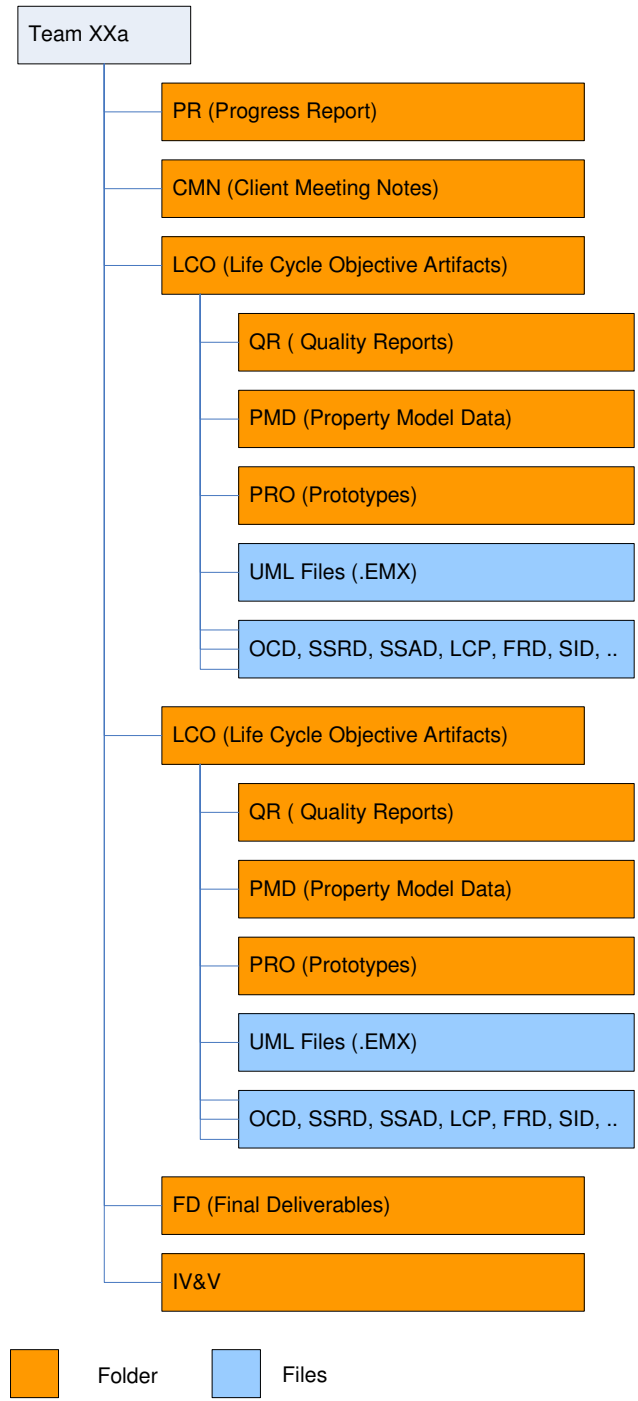


Figure 1 : Team Website Structure

13. If an artifact is not applicable to your project, include the name of the not-applicable files with the rationale in the file called "readme.txt".
14. Try to put the image files and other files needed for the home page with the tools like FrontPage that often generate such files with a leading "_" into a sub directory with a name "images" in that current directory, or a same directory "images".
15. For each file, please at least fill the **author** section of the file properties with the last author of the document.

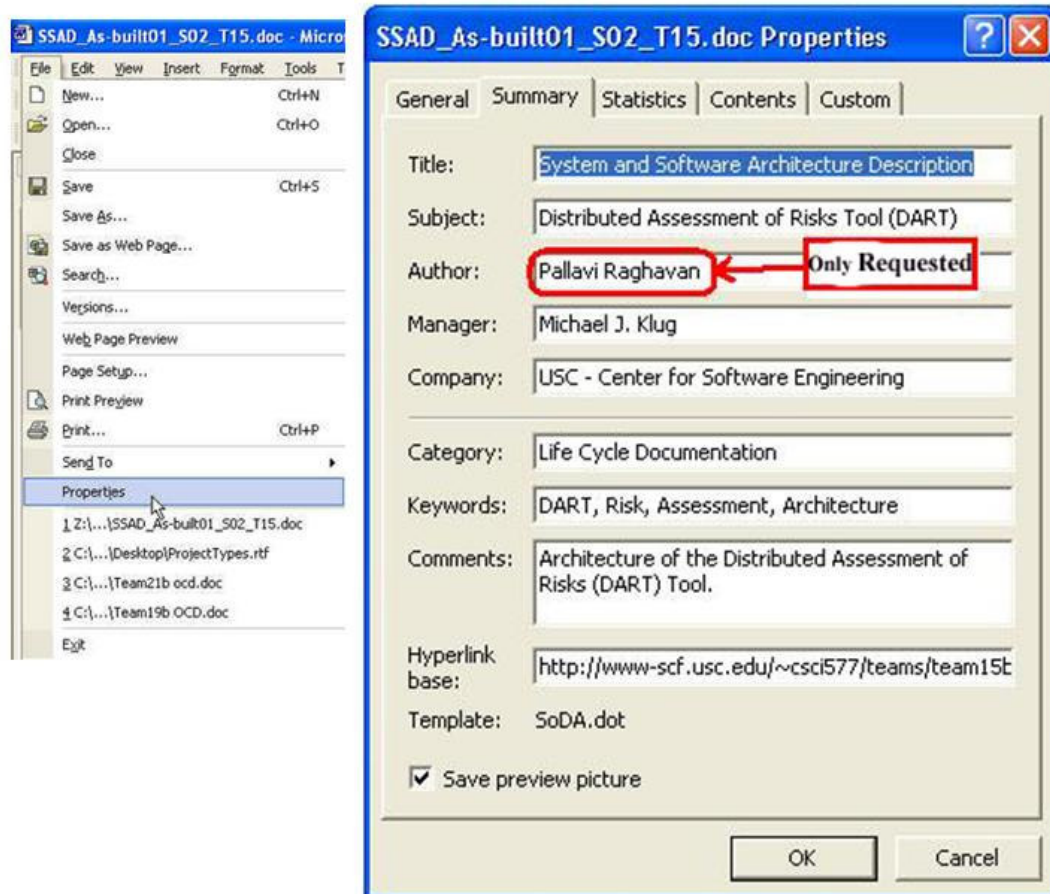


Figure 2 : Set up properties for each artifact

16. UML Model Files (Rational Software Architect) should be kept in synchronization with documentation.
17. Documentation of the prototype (including screen shots if needed) should be kept in synch with the live prototype.
18. Hyperlinking the various documents enforces traceability and consistency checking
 - o E.g., documentation should be a hyperlink instead of duplicating the same information
 - o Instead of just having a 'Refer to OCD 2.3', try to add a link to the target section (in this case, OCD2.3)
 - o For this purpose, you may need to add HTML *anchors* to link to a particular section in a big document
19. In addition, every team is required to set up a website which will give easy read-only access to the artifacts.
20. The team website should have at least the following basic information about the project, the team members (name and role), contact information (e-mail addresses ...) of team members and the clients, etc...
21. Teams can further enhance their website if desired

22. The team website should provide links to each of the artifacts.
23. You should also provide links to each index file.
24. Do not include any trash file like ~WRLxxxx.tmp, ~\$D_As-built_F06a_T01.doc, WS_FTP.LOG
...
25. All final version files must be able to be accessed from the section or the index file of **FinalDeliverables**. If the document has not been changed from the last milestone before **FinalDeliverables**, just add a link pointing to the file in the previous milestone in the section or the index file of **FinalDeliverables**.
26. **DO NOT DUPLICATE ANY FILE**. If the file has not been changed between two milestones, add a link in the section or the index file of the latter one pointing to the file in the previous milestone. You also need to provide the rationale for that.
27. All index files are optional except the one in the directory of **TeamXXa**. All readme.txt files are optional.
28. Do not include any empty file.
29. The rationale for the missing files and the additional files must be carefully addressed.
30. The URL should point to a file not to a directory, for example, the URL for Progress Reports should be href="ProgressReports/index.html" instead of href="ProgressReports/".
31. Identify the following values for the project attributes and put into your project home page:

Table 1: Summary of Project Description

| | | | |
|-----------------|------------------|----------------------|--|
| Academic_Period | CS577a Fall 2006 | Customer | |
| Project_Domain | | Developers | |
| Project_Name | | Number_of_Developers | |
| Project_Type | | COTS | |
| Team_Number | | | |

- **Project_Domain:**
Multimedia Archive, Automated Reference Services and FAQ's, Interactive Communication and Distributed Browsing Application, COTS Package Extension, Selective Dissemination of Information, Data Analysis, Activity Monitoring and Control, Data Migration, Special Collection Access, Distributed Borrowing, Interactive Communication. ...
[Here are the examples to help you how to determine your project belong to which domain.](#)
- **Project_Name:**
... (The name of the project)
- **Project_Type:**
Database, Image Search, Web Based, Web Based Database, GUI, Web Mail, ...
- **Customer:**
... (the name of the client and the contact information - e-mail, title, telephone ...)
- **Developers:**
Students, ...
- **Number_of_Developers:**
The number of team member in this project.
- **COTS:**
Application-Intensive, Tailoring-Intensive, Assessment-Intensive, Others.
[Here are the examples to help you how to determine your project belong to which type of COTS.](#)
- **Team_Number:**
TeamXXa

Detail Directory Structure for TeamXXa:

| | |
|------------------|---|
| /TeamXXa/ | |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |

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|------------|----------------------------|
| index.html | Index for the team website |
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|------------------------|--------------------------------|
| [Folder in /TeamXXa] | |
| /PR/ | <i>Weekly Progress Reports</i> |
| index.html | index for progress reports |
| Week01_PR_F06a_TXX.doc | .doc files for week 01 |
| Week01_PR_F06a_TXX.xls | .xls files for week 01 |
| | |

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| [Folder in /TeamXXa] | |
| /CMN/ | <i>Client Meeting Notes (Including minutes and e-mails between the clients and the team)</i> |
| index.html | index for Client Meeting Notes |
| CMN_MM_DD_F06_TXX.doc | Client Meeting Notes; MM is Month, DD is Date |
| CMN_MM_DD_F06_TXX.pdf | Client Meeting Notes; MM is Month, DD is Date |
| | |

For example, for the client meeting note of team 01 on Oct 18, 2006:

CMN_10_18_F06a_T01.doc Client Meeting Notes

CMN_10_18_F06a_T01.pdf Client Meeting Notes

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| [Folder in /TeamXXa] | |
| /LCO/ | Artifacts in LCO milestone, including Early OCD, LCO Draft and LCO Package |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |
| OCD_LCO_F06a_TXX_VX.X.doc | Operational Concept Description |
| OCD_LCO_F06a_TXX_VX.X.pdf | Operational Concept Description |
| SSRD_LCO_F06a_TXX_VX.X.doc | System and Software Requirements Definition |
| SSRD_LCO_F06a_TXX_VX.X.pdf | System and Software Requirements Definition |
| SSAD_LCO_F06a_TXX_VX.X.doc | System and Software Architecture Description |
| SSAD_LCO_F06a_TXX_VX.X.pdf | System and Software Architecture Description |
| FRD_LCO_F06a_TXX_VX.X.doc | Feasibility Rationale Document |
| FRD_LCO_F06a_TXX_VX.X.pdf | Feasibility Rationale Document |
| LCP_LCO_F06a_TXX_VX.X.doc | Life Cycle Plan |
| LCP_LCO_F06a_TXX_VX.X.pdf | Life Cycle Plan |
| SID_LCO_F06a_TXX_VX.X.doc | Support Information Document |
| SID_LCO_F06a_TXX_VX.X.pdf | Support Information Document |
| UML_Model_LCO_F06a_TXX_VX.X.emx | Models (e.g., Rational Software Architect UML Model Files) |
| ARB_Slides_LCO_F06a_TXX_VX.X.ppt | Architecture Review Board Presentation |
| ARB_Slides_LCO_F06a_TXX_VX.X.pdf | Architecture Review Board Presentation |
| EWV_LCO_F06a_TXX_VX.X.doc | The result of Easy Winwin negotiation |
| EWV_LCO_F06a_TXX_VX.X.pdf | The result of Easy Winwin negotiation |
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| [Folder in /TeamXXa/LCO] | |
| /QR/ | <i>Quality Reports for artifacts</i> |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory |

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| | which are not applicable and give the rationales. |
| index.html | index for Quality Reports |
| OCD_LCO_QR_F06a_TXX_VX.X.xls | Quality Report for OCD |
| SSAD_LCO_QR_F06a_TXX_VX.X.xls | Quality Report for SSAD |
| UML_LCO_QR_F06a_TXX_VX.X.xls | Quality Report for UML |
| | |

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|------------------------------|---|
| [Folder in /TeamXXa/LCO] | |
| /PMD/ | Property Model Data |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |
| index.html | index for Property Model Data |
| COCOMO_LCO_F06a_TXX_VX.X.est | COCOMO Data (e.g., EST files) |
| COCOMO_LCO_F06a_TXX_VX.X.rpt | COCOMO Data (e.g., rpt files) |
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| [Folder in /TeamXXa/LCO] | |
| /Prototypes/ | |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |
| index.html | index for Prototypes |
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|----------------------------------|---|
| [Folder in /TeamXXa] | |
| /LCA | Artifacts in LCA milestone, including LCA Draft, LCA Package and etc. |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |
| OCD_LCA_F06a_TXX_VX.X.doc | Operational Concept Description |
| OCD_LCA_F06a_TXX_VX.X.pdf | Operational Concept Description |
| SSRD_LCA_F06a_TXX_VX.X.doc | System and Software Requirements Definition |
| SSRD_LCA_F06a_TXX_VX.X.pdf | System and Software Requirements Definition |
| SSAD_LCA_F06a_TXX_VX.X.doc | System and Software Architecture Description |
| SSAD_LCA_F06a_TXX_VX.X.pdf | System and Software Architecture Description |
| FRD_LCA_F06a_TXX_VX.X.doc | Feasibility Rationale Document |
| FRD_LCA_F06a_TXX_VX.X.pdf | Feasibility Rationale Document |
| LCP_LCA_F06a_TXX_VX.X.doc | Life Cycle Plan |
| LCP_LCA_F06a_TXX_VX.X.pdf | Life Cycle Plan |
| SID_LCA_F06a_TXX_VX.X.doc | Support Information Document |
| SID_LCA_F06a_TXX_VX.X.pdf | Support Information Document |
| UML_Model_LCA_F06a_TXX_VX.X.emx | Models (e.g., Rational Software Architect UML Model Files) |
| ARB_Slides_LCA_F06a_TXX_VX.X.ppt | Architecture Review Board Presentation |
| ARB_Slides_LCA_F06a_TXX_VX.X.pdf | Architecture Review Board Presentation |
| EWV_LCA_F06a_TXX_VX.X.doc | The result of Easy Winwin negotiation |
| EWV_LCA_F06a_TXX_VX.X.pdf | The result of Easy Winwin negotiation |
| | |

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| [Folder in /TeamXXa/LCA] | |
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|-------------------------------|---|
| /QR/ | <i>Quality Reports for artifacts</i> |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |
| index.html | index for Quality Reports |
| OCD_LCA_QR_F06a_TXX_VX.X.xls | Quality Report for OCD |
| SSAD_LCA_QR_F06a_TXX_VX.X.xls | Quality Report for SSAD |
| UML_LCA_QR_F06a_TXX_VX.X.xls | Quality Report for UML |
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|------------------------------|---|
| [Folder in /TeamXXa/LCA] | |
| /PMD/ | Property Model Data |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |
| index.html | index for Property Model Data |
| COCOMO_LCA_F06a_TXX_VX.X.est | COCOMO Data (e.g., EST files) |
| COCOMO_LCA_F06a_TXX_VX.X.rpt | COCOMO Data (e.g., rpt files) |
| | |

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|--------------------------|---|
| [Folder in /TeamXXa/LCA] | |
| /Prototypes/ | |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which are not applicable and give the rationales. |
| index.html | index for Prototypes |
| | |

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|----------------------|---|
| [Folder in /TeamXXa] | |
| /FD/ | If the final/latest version of a document does not already exist, put it in here. |
| index.html | The index file must have the links to all final/latest version of the file of OCD, SSRD, SSAD, FRD, LCP, SID, UML Model |
| readme.txt | Include the name and rationale for any additional sub-directories or files. Only if needed, list the file names in current directory which do not have links and give the rationales |
| | |

| | |
|------------------------------------|---|
| [Folder in /TeamXXa] | |
| /IVV/ | Store the IV&V project artifacts. ("doc/pdf/zip/xxx" means either one of the format is fine here) |
| index.html | The index file |
| readme.txt | Include the name and rationale for any additional sub-directories or files. |
| EarlyOCD_IVV_LCO_F06a_TXX_VX.X.xls | IV&V evaluations on Early OCD |
| PRO_IVV_LCO_F06a_TXX_VX.X.xls | IV&V evaluations on LCO Prototype |
| EWV_IVV_LCO_F06a_TXX_VX.X.xls | IV&V evaluations on LCO WinWin Report |
| LCODraft_IVV_LCO_F06a_TXX_VX.X.xls | IV&V evaluations on LCO Draft |

| | |
|---|--|
| LCOCore_IVV_LCO_F06a_TXX_VX.X.xls | IV&V evaluations on LCO Core |
| LCOPackage_IVV_LCO_F06a_TXX_VX.X.xls | IV&V evaluations on LCO Package |
| PRO_IVV_LCA_F06a_TXX_VX.X.xls | IV&V evaluations on LCA Prototype |
| EWV_IVV_LCA_F06a_TXX_VX.X.xls | IV&V evaluations on LCA WinWin Report |
| LCADraft_IVV_LCA_F06a_TXX_VX.X.xls | IV&V evaluations on LCA Draft |
| LCACore_IVV_LCA_F06a_TXX_VX.X.xls | IV&V evaluations on LCA Core |
| LCAPackage_IVV_LCA_F06a_TXX_VX.X.xls | IV&V evaluations on LCA Package |
| ProblemList_EarlyOCD_IVV_LCO_F06a_TXX_VX.X.xls | Problem List of Early OCD IV&V Evaluation |
| ExplanationLog_EarlyOCD_IVV_LCO_F06a_TXX_VX.X.xls | Explanation Log of Early OCD IV&V Evaluation |
| ProblemList_LCODraft_IVV_LCO_F06a_TXX_VX.X.xls | Problem List of LCO Draft IV&V Evaluation |
| ExplanationLog_LCODraft_IVV_LCO_F06a_TXX_VX.X.xls | Explanation Log of LCO Draft IV&V Evaluation |
| ProblemList_LCOCore_IVV_LCO_F06a_TXX_VX.X.xls | Problem List of LCO Core IV&V Evaluation |
| ExplanationLog_LCOCore_IVV_LCO_F06a_TXX_VX.X.xls | Explanation Log of LCO Core IV&V Evaluation |
| ProblemList_LCOPackage_IVV_LCO_F06a_TXX_VX.X.xls | Problem List of LCO Package IV&V Evaluation |
| ExplanationLog_LCOPackage_IVV_LCO_F06a_TXX_VX.X.xls | Explanation Log of LCO Package IV&V Evaluation |
| ProblemList_LCADraft_IVV_LCO_F06a_TXX_VX.X.xls | Problem List of LCA Draft IV&V Evaluation |
| ExplanationLog_LCADraft_IVV_LCO_F06a_TXX_VX.X.xls | Explanation Log of LCA Draft IV&V Evaluation |
| QMP_IVV_LCO_F06a_TXX_VX.X.doc | Quality Management Plan |
| QMP_IVV_LCO_F06a_TXX_VX.X.pdf | Quality Management Plan |
| QMP_IVV_LCA_F06a_TXX_VX.X.doc | Quality Management Plan |
| QMP_IVV_LCA_F06a_TXX_VX.X.pdf | Quality Management Plan |
| | |

For the team who has more than one IV&Vers, in the file name, please add "a" after IVV for the first one, add "b" for the second one, and so on:

| | |
|-------------------------------------|---|
| EarlyOCD_IVVa_LCO_F06a_TXX_VX.X.doc | IV&V evaluations on Early OCD for the first IV&Ver |
| EarlyOCD_IVVb_LCO_F06a_TXX_VX.X.doc | IV&V evaluations on Early OCD for the second IV&Ver |

Note: It is acceptable if on-campus teams merged the problem list and explanation log back in the IV&V Evaluation, but the merged file should have different version.

For COTS Team

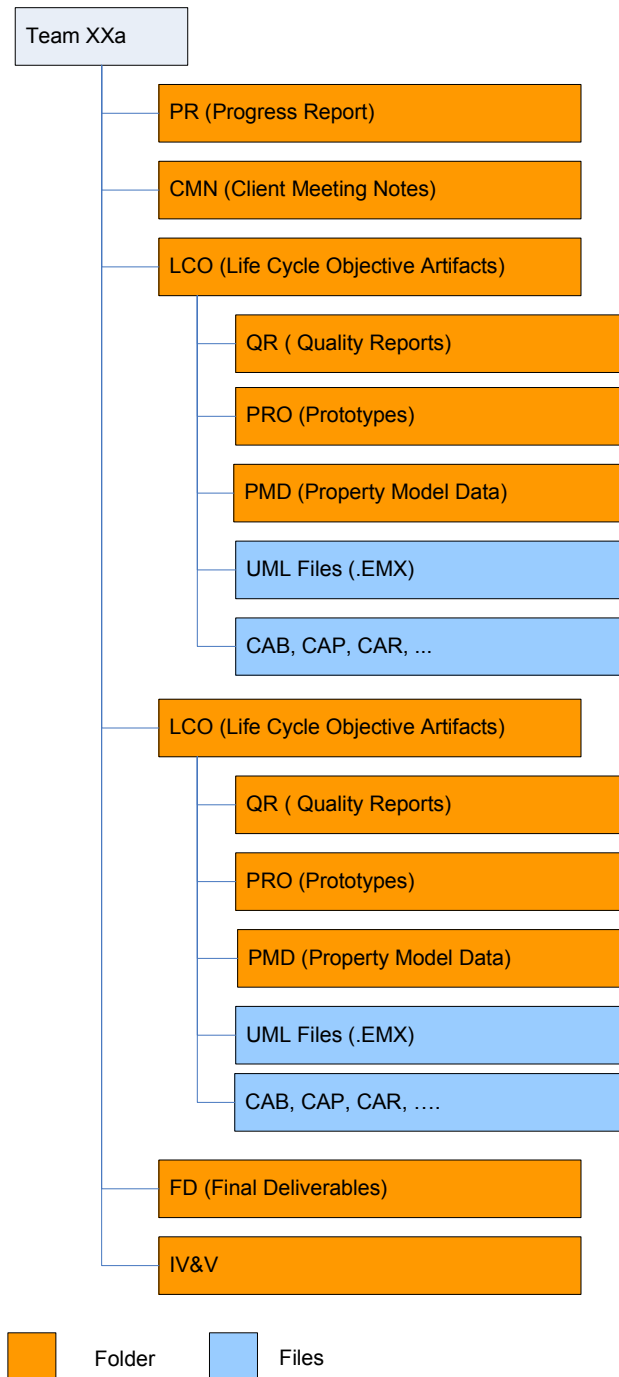


Figure 3 : COTS Team Website Structure

The only difference for COTS team website and LeanMBASE team website is the artifacts in each milestone, Instead of SSRD, SSAD, LCP, FRD, SID, the team should have CAP, CAB and CAR.

Examples of the File name convention are

- CAP_LCO_F06a_TXX_VX.X.doc
- CAB_LCA_F06a_TXX_VX.X.doc
- CAR_LCA_F06a_TXX_VX.X.doc