

School of Computer Science and Mathematics
MSIS621L-256 (Fall 2022)
EA Artifacts Assignment

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Office Hours: Monday, Tuesday, Wednesday by appointment
Thursday: 4:00pm – 6:30pm

EA Artifacts:

The purpose of this assignment is for you to demonstrate your knowledge of the Enterprise Architecture practice and more specifically your understanding of the use of the various artifacts that are part of the Considerations, Standards, Visions, Landscapes, Outlines and Designs (CSVLOD) methodology.

Extensions of Time:

Extensions of time for turning in work will not be granted, as the deadline for the work assigned will be communicated and posted on the assignment page well in advance of the due date. Please be proactive with the assigned work and do not procrastinate. Any assigned work not submitted by the due date will receive a grade of ZERO. Please plan accordingly.

Grading:

The EA Portfolio represents 300 out of the 1000 points available in this class. Each of the assignments will be 35 points towards your final portfolio grade for a total of 210 points. The remaining 90 points will be based on your final portfolio submission. There will be six (6) assignments throughout the semester listed below and followed by detailed descriptions:

1. Company profile
2. Technology overview
3. Considerations
4. Standards and Visions
5. Landscapes
6. Outlines and Designs

Each of the assignments you submit must be double spaced, times new roman 12 point font using APA style references. This means there are end notes on separate pages with inline citations. For each of the assignments that are part of the CSVLOD method you need to provide examples that mirror what is defined in our text. As we have discussed each of the terms could have different meanings depending on the context, be specific and make sure that your examples coincide with the definitions in the text.

Company Profile

In this assignment you will create a profile of the company you have been assigned this should be a 1 to 2 page description of the company, the type of business they are in, total employees, geographic dispersion and other aspects of the company that you believe will be important when creating enterprise architecture (EA) artifacts. Be concise longer descriptions do not translate into a better grade.

Technology Overview

You will provide a 1 to 2 page technology overview, this will be your opinion of the general technologies that the corporation will use. This should be based on your understanding of the company and the resources you have examined. This will be the basis for the artifacts that you will develop throughout the semester. As an example if you are assigned a retail company, you can imagine that the company will need very specific technologies, like a point of sale system. Aside from what might be considered “required systems” like payroll and accounting, the assignment is more for you to target technologies that would be specific to the industry domain the company belongs to.

Considerations

This assignment is for you to provide a 1 page abstract describing considerations and how they relate to the

company. You will provide at least two examples of consideration documents that would be specific to your company. Considerations consist of principals, policies, conceptual data models or analytics reports.

Standards and Visions

Provide a one page abstract for both standards and visions with at least two examples of each type related to the company. As above your abstract should describe the artifacts that you will use and how they will apply to the company. Standards consist of: technology reference models, guidelines, patterns, IT principals, logical data models and inventories. Visions consist of business capability models, roadmaps, target states, value chains, context diagrams and process models.

Landscapes

Consistent with the above provide a 1 page abstract on what landscapes are and how they relate to your specific company. In particular make reference to the artifacts you have chosen (choose at least two) and why you will be including these artifacts in your assignment. Landscape artifacts consist of landscape diagrams, asset inventories, system portfolio models, landscape maps and IT roadmaps.

Outlines and Designs

Provide a 1 page abstract for both outlines and designs, in your abstract make sure you identify the artifacts you will be using as part of your outlines and why they apply to the company you have been assigned. In addition to the abstract provide at least two examples of artifacts that are part of the outlines artifact type. These consist of initiative proposals, options assessments and solutions overviews. You do not need to provide examples of design artifacts. Designs are generally very detailed in nature and require a significant effort of the EA team and are not required for this assignment.

Submission:

Your portfolio will be submitted as a Microsoft Docx with the following name format: Marist Email without the period or @marist.edu, an underscore, your CWID, the artifact type, an underscore, the course number, an underscore and the term code, ** Do not use spaces in your file name eg:
Edward_Presutti_20000000_CompanyProfile_MSIS621L_202320.docx

Work Product:

Your final submission of this assignment will be a combination of the 6 assignments that you have completed throughout the semester. The final EA portfolio document should be well formatted with a table of contents, ASA citations and should contain an introduction and summary. The naming convention for your final submission should be the same as described above substituting the artifact type with "final", eg: Edward_Presutti_20000000_Final_MSIS621L_202320.docx

Considerations for grading:

The grading will be based on how well you communicate the artifacts based on the research you have performed on your assigned company and how cohesive a representation of the CSVLOD model you present in your portfolio. Investigation of the company with regard to their products, locations, size, etc. is essential when making decisions about artifacts. As we have said repeatedly throughout this course: the practice of enterprise architecture is not the same for every enterprise and it is up to the enterprise architect to make decisions with regard to the artifacts that are necessary.