IT6423 IT Systems Acquisition and Integration
IT Systems Acquisition Lifecycle and Business Process Modeling
Developed by Richard Halstead-Nussloch Version 07Jan13
To accompany material developed by Han Reichgelt

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Policies:
- Submissions made through a means other than the GeorgiaView D2L Dropbox
  will be ignored and earn a 0.
- Submissions without your name stated above earn a 0.
- Submissions not in an rtf or pdf file or with the original questions and/or
  formatting removed from the file earn a 0.
- Submissions without adequate references or acknowledgements will earn a
  discounted grade, potentially a 0.
- Submissions that I can not open or require a password will earn a 0.
- Second chances might be requested at any time through GeorgiaView email, and
  are awarded at the sole discretion of the instructor.

Submissions should use and cite at least one reference and explicitly state who is being
acknowledged. Put them in the end of this exercise document in the appropriate sections.

Section 1 IT Lifecycles

Deliverables:
- Seven questions answered below.
- Entry on discussion for IT Lifecycles
- Entry on your Personal BLOG

Q1) In 2 pages compare and contrast a typical IT system development life cycle with a
typical IT system acquisition life cycle. Attach your comparison and contrast document
here. Don't forget to cite your references!

Answer:

The Similarities and The Differences between a typical IT system development life cycle with a typical IT system acquisition life cycle.

The system development life cycle (SDLC) is the overall process of planning, building, and implementing information systems through a multistep process from requirements analysis and definition, system and software design, implementation and unit testing, integration and system testing, installation and acceptance testing, and operation and maintenance. There is no standardized version of the system development life cycle model, but each model generally consists of a series of defined phases.

A life cycle for IT system acquisition and an IT system development life cycle have some similar activities, such as

Q2) Develop one or two powerpoint slides to include your main points of comparison and contrast for question 1 above. Post these slides to the discussion on IT Lifecycles along with some notes to cover in presenting them. As you think about these matters, try to find connections among the Lifecycles, IT business value, IT sourcing, etc.

Q3) Reflect on what you have done so far in the course. Include those reflections, analysis and observations here and in your GeorgiaView Blog for this course. A good focusing question is: After further consideration of the two options for an individual project--a) follow the textbook and complete a case study analysis or b) do a small but significant research project in the area of IT systems acquisition and integration--I would prefer to take the option of (choose one) because (fill in the reason).

Section 2 Business Processes and IT

Deliverables:
*   Two questions answered below.
*   Discussion entries on GeorgiaView about business processes and IT.

Q4) The module has made the point that, in order for the implementation of in particular larger software applications, such as enterprise systems or customer relationship management systems, an organization often has to adopt the processes embedded in the software. The textbook reading has pointed out that business processes and their understanding play a major role in the success of IT systems. Do a library search and find an article that discusses at least one of the following three main points of the textbook here:

   * Distinguish between different types of business process

- Discuss the relationship between business processes and IT
- Discuss change management issues pertinent to business processes

Include a one-page summary of this article here including how it addresses at least one of the three points above and post your views to the discussion topic on BPM in IT.

Q5) In one paragraph, answer the question: "When deciding questions about whether IT systems acquisition and integration, senior IT professionals must pay attention to the business processes involved because…" Provide your answer here and also in an entry on your personal Blog for this course.

Section 3- Discussions for Exercise 2

Actions and Deliverables:
• Review Discussions and make a substantive and reasoned comment (of at least one paragraph) on each LM as presented by 2 other students. Summarize here why you choose those students' entries and how you formulated your comments.
• In your personal Blog for the course, make at least one reflective and integrative observation about the lifecycle models appropriate for IT and/or the role of business process models in IT systems.

Optional Extra Credit Research

Do research to locate freely available case studies for considering business processes in IT.

In one page or less, summarize how the freely available sources meet the needs of this assignment and address the outcomes of the course.

Consider expanding on this item in your concept paper.

Sources and works used in completing this exercise:

(Please add your references. You must list at least one and use the method-ACM, APA or MLA-chosen at the beginning of the term.)

Please complete the following:
___ I did not use any method of citation (maximum B on the assignment).
___ I used the ACM approach and have cited my references as I went in the text and also listed them at the end.
___ I used the APA approach and have cited my references as I went in the text and also listed them at the end.
___ I used the MLA approach and have cited my references as I went in the text and also

listed them at the end.

Acknowledgements of people (and other exercise submissions) used in completing this exercise:

(You should at least acknowledge the students for whom you wrote Section 3 comments.)