Project Grade

The project is a case study comprising of four mini case studies and a final report with appendices that are updated/improved reports for the first three mini case studies. The project will be graded with the following breakdown:

1. Case Study #1 Report: 10%
2. Case Study #2 Report: 10%
3. Case Study #3 Report: 10%
4. Case Study Final Complete Report (Executive Summary, Team Meeting Logs) and Presentation: 10%

The total points will include an overall 10% peer evaluation of each team members’ contribution to the project. In other words, the total points awarded to each team can be shifted by as much as 10% among the individuals of the team based upon the other team member’s assessments of relative contributions. In short, 90% of each person's project grade will be the group grade, 10% will be the individual's contribution grade. Peer evaluation for the team will be done for each deliverable by each team member by filling in a peer evaluation form. This form will be provided at the course web site and must be sent electronically by each student by the deliverable deadline.

All deliverables for the project should be submitted electronically as well as submitted in hardcopy format. Each deliverable should include text to explain the decisions made and the rationale for those decisions.

General Problem and Scope

The overall case study will focus on the systems integration from the enterprise perspective for a large research university. The case study will apply theory but take a practitioner perspective of viewing systems integration as a competitive advantage for lowering costs, improving return on investment, and improving customer (student, faculty, administration, employees) experience.
Final Project Document will be a strategic systems integration plan such as a Chief Information Officer would develop and use to guide information technology supporting an enterprise (such as Georgia State University). Three mini Case Studies will cumulatively result in a Document containing: 1) Case Study #1: Business Drivers & Requirements, Enterprise Integration Strategy Specification; 2) Case Study #2: Current Integration Environment Assessment, Technical Integration Architecture Specification, Integration Architecture Specification (Technical, Service/Application, Information, Business Process); 3) Case Study #3: Enterprise Integration Implementation Specification – recommending an overall approach detailing a best practice strategy that may combine application, information, service orientated, and business process approaches.

Milestone 1: Team Formation

Team formation and role assignment. This will be done by the end of the second class. Each team will have 3-5 members. The team role list (team number, team members—with email addresses—and assigned roles) will be handed in to the professor at the end of the second class.

Team logistics and duties. Each team will adhere to the following:

Team member roles. You will assign roles to each of your team members (a team member will have multiple roles – each team member should have at least one). They do not need to be permanent; you can change roles over the course of the semester. One person may also have multiple roles, but each member must have at least one role. Actually the changing of roles is highly recommended across the different stages of the case study (the mini case studies).

1. **Team Leader**: The leader coordinates team meetings, ensures tasks are assigned and, in general, ensures proper team functioning.
2. **Documenter**: The documenter documents each meeting, decisions made in meetings, and outcomes of important decisions. He/she ensures that all meetings are properly logged; these logs must be included with your final project report. Emails should be filed, and the team may consider other electronic collaborative venues, like SharePoint Team Services.
3. Presenter and Discussion Leader
4. **Instructor/RPC (Resident Practice Consultant) PoC**: This person serves as the instructor’s and RPC’s contact on behalf of the team.

Team meetings. Starting the week the teams are formed, each team should meet for at least 15-30 minutes each week to discuss project issues.
Occasionally the instructor will allow some time at the end of each class for group project discussions. However, you should not count on this time and should instead find a common time to meet—in person and online as necessary. If common times are hard to find, you may be able to meet immediately before or after the lecture time. Hand in your intended meeting schedule with the team role list.

**Milestone 2: Business Drivers & Requirements, Enterprise Integration Strategy Specification (Case Study #1)**

**Due date:** before the beginning of class.

Submit:

A report using the specifications documents in Appendices A and B of the Gold-Bernstein/Ruh text (provided in the CD accompanying the text).


**Due date:** before the beginning of class.

Submit:

1. A report using the specifications documents in Appendices C, D, and E/F/G of the Gold-Bernstein/Ruh text.

**Milestone 4: Enterprise Solution Specification – recommending an overall approach detailing a best practice strategy that may combine application, information, service oriented, and business process approaches. (Case Study #3)**

**Due date:** before the beginning of class.

Submit:
1. A report using appropriate elements of the specifications documents in Appendices H, I, J, and K.

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**Final Milestone: Final Case Study Report**

**Due date:** the last class session. The formal project hardcopy document as well as softcopy will be due before class starts. The remainder of the class will be a presentation by each group. Each group will have approximately 25 minutes to set up, present, and answer questions. **This milestone will entail a significant amount of work—plan ahead!**

Submit:

1. A final report with improved and updated versions of Mile Stones 2-4 as appendices along with brief explanations of review comments and how you fixed the problems; part of the grade for Case Studies 1-4 will be based on the improvements made.
2. Softcopy of the final report and the project presentation.

**What is expected from this project?** The project is expected to be a significant learning experience in enterprise systems integration.