Project30
ERP Analysis and Design

This is the second project for the Business Information Systems course. It is worth 30% of your final grade.

Step 1. Select a team to compete the project. Teams may consist of 1-3 members of the class.

Step 2. Send an email to the instructor (ascime@unibz.it) with a list of the team members. In the subject line of the email put 'BIS Project 30'.

Step 3. Wait for a reply with a case study attached to proceed. No two teams will have the same case study.

Step 4. For the case study given, prepare the project deliverables.

Step 5. Project deliverables will be given to the instructor during the final exam period. Times to be announced. (Be ready on the first day of the exam period.)

Situation: Your team is a consultant team in software development and implementation in the BIS Company. As the interest in Enterprise Resource Planning (ERP) is beginning the take hold, BIS is also moving into consulting in the area of ERP design and implementation.

You have an opportunity to represent SAP and implement their ERP solution for the given business situation. Baan is an ERP vendor that has provided a solution previously for this situation. Your job is to design a better solution for the company selecting SAP components from the SAP Business Maps (or the Solution Composer).

You are to write a report and prepare a presentation consisting of a basic design. This design report is to market the BIS Company services as the implementer for SAP products, and to convince the company that they should use BIS to convert to your design solution.

Project Deliverables:

1. Design Report. The Design Report should identify the specific SAP components and their interconnections as well as provide the necessary background information to justify the project, and discuss the benefits the company will derive from implementing your system over the given Baan solution. The final appendix of your report should include these instructions and the given case study attached.

2. Design Presentation. A 30 minute presentation with PowerPoint slides in English of the requirements, design (components), and implementation considerations.

Report/Presentation Outline:

> Introduction - Overview of ERP
> Discussion about the Company
> General Discussion about BIS
> Requirements Analysis/Design
>> Requirements List – What specifically the company in the case needs
>> ERP Component Selection List – A list of components selected to meet those needs
>> ERP Component Descriptions – A description of each component on the list
>> ERP Component Justification – Specifically why each component is appropriate for this case and which requirements it meets.
> Implementation Ideas/Considerations

You may find information needed to complete the design at SAP's Web site (http://www.sap.com/index.epx and http://www.sap.com/solutions/businessmaps/index.epx as well as links from these pages).