ISE4032
Information System Integration and Practice
Semester Term Project

In this course, the semester term project should be performed as a group. You have to check your team in eClass. Project development will take place in stages with specific deadlines.

Project Stage	Date
Team Formation	May 3
Project Proposal	May 17
Progress Report	May 31
Final Report & Presentation Slides	June 14
Peer Evaluation	June 14

The project is worth of 30% of the grade of the course. At the end of the semester, you will evaluate your team members and also will be evaluated by them. Your grade will be based not only on your team score but also on your team members' evaluations of you. The grading scheme of the semester project is shown below.

<Grading scheme>

Category	Percentage
Methodology	60%
Formalism and clarity	20%
Quality of analysis results	20%
System design complexity and accuracy	20%
Professional report writing	30%
Title page and a table of contents	2%
Summary	2%
Chapter 1	3%
Chapter 2	3%
Chapter 3	3%
Chapter 4	3%
Chapter 5	3%
Chapter 6	3%
Conclusion	2%
Figures and Tables	3%
Reference and appendix	3%
Presentation	10%
Quality of content	3%
Clarity of content	3%
Delivery	4%

Project score calculation regarding peer evaluation.

- Project score of individual i: $score_i = w_i \times original\ team\ score$
- w_i: a weight given by peer evaluation.
- $w_i = s_i / \left(\frac{\sum_{i \in I} s_i}{\#\ of\ team\ members} \right)$
- $s_i = \left(\frac{\sum_{j \in J} s_{ij}}{\#\ of\ team\ members} \right)$
    - where s_{ij} is the evaluation of individual *i* given by individual *j*. Assume s_{ii} is 5.
- Example when the original team score is 90:

	Student A	Student B	Student C	s_i	w_i	$score_i$
Student A	5	4	5	14/3=4.67	1.00	90
Student B	3	5	5	13/3=4.33	0.93	83.57
Student C	5	5	5	15/3=5	1.07	96.43
Average				4.67	1.00	90

Comments:

- If your score is significantly lower than the original team score, your effort to the project is lower than the team average.
    - Things to do improve your peer evaluation
        - Work efficiently. All your effort should be directly contributed to your project. Spending many hours without outcomes (low productivity) cannot enhance your evaluation.
        - Provide feedback with alternative solution. Instead of providing negative comments on the project, you should provide alternative solutions.
        - Attend a meeting. Everyone is busy. You have to value other members' effort and time.
        - Actively lead the project. You don't have to be a team leader. Attend project activities such as project report writing, slide preparation, and problem solving.
- Do not ask your teammates about their evaluation. **All grades and grading information must be confidential!!** If you try to get the information from your teammates, you and your teammates will **fail the project (zero)** because they violate the university's honor code.

< Report Submission >

The **final report** and **program** are due on **June 14 (11:59PM via eClass)**.

< Report Format >
The final report should include enough explanation and information about the proposed system. It is strongly recommended that the team member with the best overall understanding and grasp of the project review and edit the entire document before submission, not only to make sure that formatting is consistent throughout the document but also (more importantly) to ensure continuity and to avoid logical inconsistencies and conflicts between different parts of the report.

The final report must contain all chapters (1-6) addressed in the report template.

< Proposal Format >
- Chapters 1, 2, and 3

< Progress Report Format >
- Chapters 1, 2, 3, 4, and 5.

< Peer Evaluation >
Fill out the confidential Peer Evaluation form on eClass and submit it to your instructor. Each team member must submit this form individually. This will be factored into the overall grade, so please complete responsibly and honestly.

< Project Topic >
This project has an open question so that **your team can choose any topics associated with web service development (i.e., ASP.NET, AWS, or SOAP web services)**. In fact, it is a good idea to follow steps addressed in the template. Note that a good report includes multiple activities such as feasibility analysis, ER diagram development (or database system design), architecture design before the implementation of web services .

< Project Team >

- **Team 1**
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- **Team 2**
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