CS414 Peer Evaluation Guidelines (5% of the Final Grade)

Deadline: May 6, 2011, 5pm

Delivery Method: Email to klara@illinois.edu

By May 6, each student submits to the Instructor, Klara Nahrstedt (klara@illinois.edu) , his/her peer evaluation for each group member, including yourself , and for each MP. Please, fill out the following matrix for each MP:

Group #:	MP1	MP2	MP3
Name Yourself			
Name of Member 1			
Name of Member 2			
Name of Member 3			

Note: Your table should have only as many rows as there are members in the group. For example, if your group has three members, you have to evaluate yourself and two other members. Submit this evaluation table only to the instructor. Each evaluation will be kept ***confidential***, i.e., the individual score evaluation and the name of the evaluator will not be disclosed to anybody else, only the final score (value between 0 and 100) will be put in the Compass for final grade consideration. Each value in the peer evaluation table will have a score in range 0-100 representing your evaluation of each member, i.e., how much you and your members contributed to each MP.

Possible Case 1: if each member and you worked hard on the MPs, and you and your members did equal share of the MPs, your submitted evaluation table will look as follows:

Group #: K	MP1	MP2	MP3
Name Yourself	100	100	100
Name of Member 1	100	100	100
Name of Member 2	100	100	100

Possible Case 2: If there was a member (Member 1) that did not contribute at all, or completed maybe some of his assigned task on the first two MPs, and you and your other members worked very hard, your submitted evaluation table should look as follows:

Group #: L	MP1	MP2	MP3
Name Yourself	100	100	100
Name of Member 1	50	40	0
Name of Member 2	100	100	100

Possible Case 3: If you merged with another group, explain when you merged and evaluate separate yourself and your members in the two different groups. In this case, submit two separate tables.

Before group merge you were part of Group 'M':

Group #: M	MP1	MP2	MP3
Name Yourself	100	100	
Name of Member 1	30	50	
Name of Member 2	100	100	

After merge you joined Group 'N':

Group #:N	MP1	MP2	MP3
Name Yourself			100
Name of Member 1			100
Name of Member 2			100

Possible Case 4: If you DO NOT SUBMIT your evaluation table, the instructor will assume the following **default table**:

Group #:	MP1	MP2	MP3
Name Yourself	0	0	0
Name of Member 1	100	100	100
Name of Member 2	100	100	100

This means that the instructor will put penalty only on the member who did not submit his/her score and reward the other members with maximum scores.

Calculation of the Final Peer Evaluation Score:

Let us assume that the Instructor received three tables from Group A that has three group members (X,Y,Z) as follows:

Group #: A	MP1	MP2	MP3
Member X (myself)	100	100	100
Member Y	50	100	50
Member Z	0	0	0

Group #: A	MP1	MP2	MP3
Member Y (myself)	100	100	100
Member X	100	100	100
Member Z	50	0	20

Group #: A	MP1	MP2	MP3
Member Z (myself)	50	50	50
Member Y	100	100	100
Member X	100	100	100

Table 1: Example of submission from Group A from four members (X,Y,Z)

The evaluation calculation will take a weighted approach where

1. self evaluation weight in case of 3 group members will be **0.24**
    - **a.** in case of group of 4 members, self evaluation weight will be 0.16
    - **b.** in case of group of 2 members, self evaluation weigh will be 0.35
2. other member weight in case of group 3 members will be **0.76 : 2 = 0.38.**
    - a. in case of group of 4 members, other member weight will be 0.84:3=0.28
    - b. in case of group of 2 members, other member weight will be 0.65:1=0.65
3. **First two MPs will have the same weight in the peer evaluation (0.3) and MP3 has the weight of 0.4 in the peer evaluation.**

Calculation Example from Table 1:

The member X will get the following score out of the peer evaluation (using Table 1):

Score(Member X) = 0.3*(0.24*100+0.38*100+0.38*100) + 0.3*(0.24*100+0.38*100+0.38*100) + 0.4*(0.24*100+0.38*100+0.38*100) = **100**

The member Y will get the following score out of the peer evaluation (using Table 1):

Score (Member Y) = 0.3*(0.24*100+0.38*50+0.38*100) + 0.3*(0.24*100+0.38*100+0.38*100) + 0.4*(0.24*100+0.38*50+0.38*100) = 0.3*81 + 0.3*100 + 0.4*81 = **86.7**

The member Z will get the following score of the peer evaluation (using Table 1):

Score (Member Z) = 0.3*(0.24*50+0.38*50+0.38*0) + 0.3*(0.24*50+0.38*0+0.38*0) + 0.4*(0.24*50+0.38*20+0.38*0) = 0.3*31 + 0.3*12 + 0.4*19.6 = **20.74**