COMP353 Files and Databases

Class Notes by Bipin. C. Desai

Co:ordinates

Dept. of Comp. Sci & Soft. Engg.

Concordia University, Montreal

Office: EV3-121

Email: BipinC.Desai@concordia.ca

Usual Grading Scheme

Assignments: 4-5: 10%

On-line Quiz: 4-5 45%

Projects: 45%

Group work

Form group: of 1-5

Groups of initial size < 3 may have no support from AITS!

Assignment 0: Must be done before end of week 1: Max marks 0.5

Form a group and register in CrsMgr:

Change email address to ENCS account

Choose a leader or vote for one.

Choice (1): Form your group by uploading a file that contains the student information of your group members. Choose a group leader

If you intend to lock you group right after your group is created, this is the right choice. Other students are unable to join your group unless it is unlocked by one of the group members.

<u>Choice (2):</u> Join one of the existing course groups that are not full and not locked! Vote for group leader

FORMING A GROUP (OFF-LINE) AND UPLOADING THE GROUP INFORMATION

Write the student information of your members in a text file according to the following format: (the information for the group leader must be put in the first line):

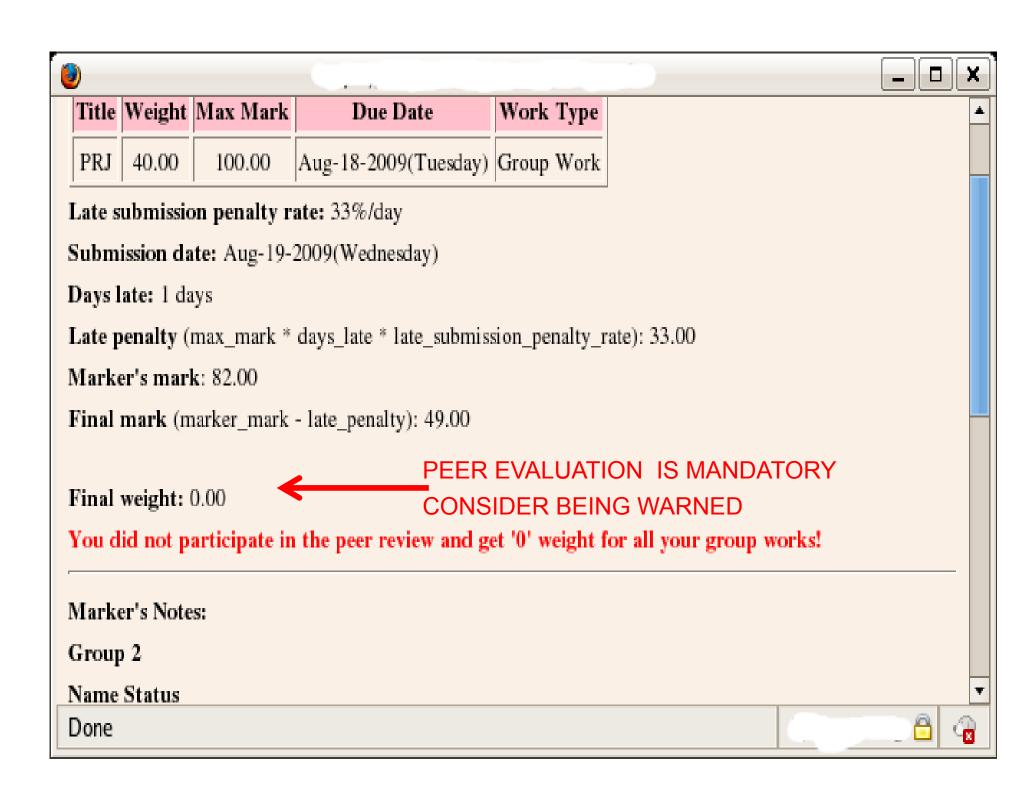
Student id of the Group Leader

Student id of 2nd Group Member

..

Student id of the last Group Member

When the file is uploaded, you would be shown your group and are required to confirm it.



Objectives

- Concepts and use data models(E-R, RDM)
- Intro. To the Relational database management systems (RDBMS)
- Query languages (Relational Algebra & Calculus, SQL)
- Concepts of checks, assertions, and triggers.
- Storage and file structures
- Database design and web-programming including: HTML,
 Javascript, PhP

The extent to which you would master these depends entirely on **you**: remember the conductor does not play any instrument, nor does the coach play on the ice/field.