Homework 1
CD Database

Due date: Thursday, September 20, 8:30am/ in class

Note

This is a group assignment. Due to time constraints, I will assign you to your study groups during classtime, when the homework is handed out. If you were not in class, you will be contacted by your groupmates.

NOTE: These groups are effective only for Homework 1. You are welcome to arrange yourselves into groups for Homework 2 in ANY way consistent with that assignment.

Assignment

Each student will receive from me one musical CD. **The CD is a loan, and MUST be returned at classtime on the due date!** (you are welcome to listen to it while you keep them in your possession, if you so desire).

Each group will study the CDs issued to its members (and, please, only **those** CDs - things will get complicated as it is). This includes any information found on the front and back covers of the CD, in the liner notes (if such exist), and on the CD cover. Please, use only information gathered from the physical CD (no googling, allmusic.com-ing, wikipedia-ing, etc.).

Based on the information each group can obtain from the CDs issued to its members, the group has to design a relational database to store information about CDs. The purpose of the database is to represent as accurately, as conveniently and as completely as possible all information you gather from the CDs.

Create a Powerpoint slide (or slides, if needed, but I encourage you to try to fit everything on one page, as long as the font sizes do not drop below 18 or 20) depicting your relational schema. For each relation, provide its name, names of all its attributes, information about the primary key. Indicate foreign keys (you are using Powerpoint - draw an arrow, for example) where applicable. Additionally, make sure put the name of your group (will be given to you when the assignment is distributed) and the names of all its members. Do not use any fancy backgrounds/layouts.

Submission

- **By 8:30am, Thursday, September 20**, submit electronic copy of your ppt slide(s) to dekhtyar@csc.calpoly.edu. (Note, I would like to display these slides in class, hence the deadline – to give me time to assemble the master powerpoint presentation and browse your submissions).
- At the beginning of the class on **Thursday, September 20**, please return the loaned CDs. Also, please, hand in a hardcopy of your slide(s).

Credit

Your team gets full credit for any submission that satisfies the conditions above, regardless of how good your database design is. Any violation of the submissions instruction will delay the assessment of full credit for the entire group (this is especially applicable to CD returns - full credit will be counted only after I get all the CDs from the group).