CS-317 Data Management and Information Processing
Spring 2003

Project 1 Submission Instructions

Deliverables:

You submission must include three files:

- A description document (Microsoft Word or PDF or Text)
- An access file, which shows the schemas capturing all the entity sets and their relationships obtained after a translation of the ER diagram to relations (capturing entity sets and their relationships)
- An access file, which shows your final design (schemas), i.e. a normalized set of schemas (this set should be 1NF + 2NF + (3NF or BCNF, a choice))

Mechanics:

Your three files should be named as:
lastname_firstname_description.doc (or PDF or txt)
lastname_firstname_access1
lastname_firstname_access2

Email me the description document lastname_firstname_description.doc (or PDF or txt) as an attachment at ***ais@cs.northwestern.edu*** the subject of the mail should read ***cs317 Project1 Submission***

Then put all the three files (description document, access1 and access2) in a directory, name the directory by your lastname_firstname. Then zip the directory up to get lastname_firstname.zip and then email the same as an attachment to Isaac at ***i-chung2@northwestern.edu*** the subject of the email should read ***cs317 Project1 Submission***

Example:
If I were to be making a submission

- I would have the following files:
  sundararaj_ananth_description.doc (or PDF or txt)
  sundararaj_ananth_access1
  sundararaj_ananth_access2

- I would then email sundararaj_ananth_description.doc (or PDF or txt) to ***ais@cs.northwestern.edu*** as an attachment with the subject of email reading ***cs317 Project 1 Submission***

- Then I would put the three files
  sundararaj_ananth_description.doc
  sundararaj_ananth_access1
  sundararaj_ananth_access2

  into a directory and name the directory sundararaj_ananth

- I would then zip it up to get sundararaj_ananth.zip

- I would email the sundararaj_ananth.zip as an attachment to ***i-chung2@northwestern.edu*** the subject of the email reading ***cs317 Project1 Submission***

What all to include in the description document:

A document (Microsoft Word, PDF, Text) describing:

- Any assumptions that you might have made
- Relational schemas which capture all the information in the ER diagram
- Design decisions, justifications for the same. As in if you had two alternatives and you choose one, you should explain why you made that choice and not the other
- The derivation of (IF ANY) other functional dependencies (and justification of it -- i.e. which inference rule was used).
- Based on the initial translation AND the functional dependencies, a normalized set of schemas (1NF+2NF+ (3NF or BCNF, a choice)!), with justification.

NOTE: Please try to keep the description document to the point and as short as possible.