CSCI 440
Database Systems
TECHNICAL DOCUMENT III
SQL SCHEMA
due on (or soon thereafter) Monday, 11.10 by 5pm

Deliverables

For this document, you will submit your data definition commands. Format these as SQL commands stores in a text document. You will include a `CREATE SCHEMA` command and a `CREATE TABLE` command for each relation. For each table created, you should include:

- name (be descriptive) of each attribute

- type of each attribute (consider the storage space implications of each choice)

- attribute constraints (e.g., NOT NULL, uniqueness, default value)

- primary key

- foreign keys (all of them)

- referential integrity constraints

- `CHECK` clauses (if needed)

- short comment linking the table creation command to the entity name of your ER diagram (use # character to comment)

You should use Figure 4.1 (p.91) and Figure 4.2 (p.95) as your guide. If you use a framework to assist the interaction with SQL, do not submit any non-SQL code. You must generate (either programmatically or by hand) the underlying SQL schema commands and submit only those.

Submission

There will be one submission per group. You should submit these as SQL commands in a plain text file labeled with your group name and with a `.sql` extension. You will submit to the TD3–Schema Elements dropbox on D2L. This document will be graded pass/fail. If returned to you as a 'fail', you must revise and resubmit for a second attempt. Please put in due diligence for your first submission attempt.