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INFSCI 2710 \Database Management" | Example for Final Exam |

Notes

These are the exercises from the final exam of the Spring 1999 course.

There was 1 hour, 45 minutes time to solve these exercises.

Please note that there will be some new types of exercises, for instance related to

Exercise 1 (SQL Queries)**16 Points**

You are given a database of a (slightly unusual) web server:

Page(ID: number(4), Path: varchar(80) not null, Owner: varchar(10) not null, _____

Exercise 4 (Integrity Constraints, Trigger) 5 Points + 3 Extra

An additional constraint for the taxi/cab database is that if a customer requested a bus, this request may only be served by a cab with Bus='Y'. Parts a) and b) of this exercise are required, part c) will earn you three points of extra credit.

- a) Write an SQL query which finds violations of this integrity rule. Note that it is ok to send a mini bus even if the the customer requested a normal taxi.
- b) Which are critical operations for this constraint? I.e. which of insert/update/delete