

## 1 Objectives

In your project for CSC 271, you will write a database and associated programs to help Dr. Koppelman track his work with students. He says he envisions an HTML page that allows him to enter appointment data and retrieve data from previous appointments. He envisions several fields that he wants to see:

- Searchable fields:
  - Student name
  - Date
  - Topic
  - No Show
- Non-searchable fields:
  - Student comments
  - Observations
  - Recommendations

You will have an opportunity an opportunity in class on Thu 6 Oct to discuss the project with Dr. Koppelman.

## 2 Project Requirements

Your project should demonstrate a thorough understanding of all relevant topics from the course. In particular, I expect you to demonstrate knowledge of parts one and two of the textbook.

In addition, Dr. Koppelman will help assess whether the final submission satisfies the requirements he set forth for you. Be sure you understand his requirements and satisfy them all.

## 3 Project Submission

Design the database and associated programs, write the code, test it, and submit it along with documentation that includes at least the following:

- The overall project structure, including E-R diagrams and DDL code
- How you created and tested the program
- How the program and database satisfy all course requirements
- Any known problems in the program
- What you learned during the project
- What you found difficult

I expect it to be free of errors in grammar, syntax, and usage and to contain only a very occasional spelling or punctuation error.

Keep the following in mind when programming:

- Document your code thoroughly.

- Include error handling! You will save on bugs if you catch bad input from the beginning.
- Finish the core idea of your project before adding additional functionality.

Submit it all as one zip file by the deadline.

## **Presentation**

You will present your final project during the final exam period.