

# CS230 Final Project Database

**Date Assigned:** Monday, May 3, 2004

**Date Due:** Tuesday, May 18, 2004

**Total Points:** 100

For the final project for CS230 you need to design and implement a database of your choice.

The database should minimally contain the following:

- Three tables. These tables need to be related somehow.
- Three queries. Design and implement three queries that could be used by the users of your database in certain scenarios. At least one of these queries must use more than one table.
- Two forms. Again the forms must be designed and implemented for realistic use by the users of your database. At least one of the forms must display images and one of the forms must contain data from multiple tables. One of your forms should also contain a combo box.
- Two reports. You should create two reports that can be printed out. These must be designed in such a way that they are useful to the users of your database.

You will give a presentation on the day of the final. Your presentation should describe the domain where your database would be used, the design of your database and sample queries, reports and forms. You should also give a demonstration of your database.

## What to Submit

You should submit

- The database. Place it in the drop box by the day of the final.
- The presentation. Again, place your presentation in the drop box.
- Documentation. This should describe the domain in which you would use the database. Describe the user of the database and run through some scenarios that might occur in the domain and how your database would be used. Describe the rationale behind the queries, forms and reports that you created.

## Grades

20% of the grade will be on the design.

10% of the grade will be on the presentation.

10% of the grade will be on completion.

20% of the grade will be on the queries.

20% of the grade will be on the forms.

20% of the grade will be on the reports.