CSCI 321
Fall 2012
The Project Paper and Presentation

The final paper required in the Stage 4 specs should consist of the following items, in this order:

2 pts **General Description:** Give a general overview of what your project is supposed to do. This should be substantially more detailed and descriptive than your Stage 1 document (presumably, you have thought a lot more about the project over the past couple of months). If you are operating in an application domain that you don't think I would know much about, please explain.

3 pts **Database Design:** Your absolute last draft of your E/R diagram should be here (add annotations to explain anything obscure). You should also state all schema that follow from the E/R diagram. Finally, justify that all your final schemas are in BCNF (don't just state it, show why).

3 pts **Database Implementation:** Show the SQL DDL statements that define your tables, keys, etc. State the source of the data you use to populate your tables. Be sure to state any assumptions you may have used to generate synthetic data for your tables.

2 pts **Application Interface:** What does your interface do with the data in your database? Value-added is important here.

2 pts **Notables:** What is especially notable about your project? What is the most creative component?

1 pt **Appendix A:** A nicely formatted listing of your application code.

1 pt **Appendix B:** A "SELECT * FROM tablename LIMIT 10" on all the tables in your database.

1 pt **Appendix C:** Explicit instructions on how I can interact with your database using your application interface.

In class presentation will constitute 5 points of the project grade. The presentation should be technically substantive and interesting. Demos and visuals should be well-planned and presented. Plan on a 15 minute hard time limit; make sure your presentation takes about that time. You should split your presentation (roughly) into thirds: the first third should motivate and define your application domain; the middle third should describe the design of your DB and describe the data used to populate it; the final third should be a slick demo of your apps applied against your DB.