BA 3843 -- WINTER, 2005
MIDTERM EXAM

You must complete each of the following 3 questions. Each question will represent 33% of the credit for the exam. Answer each question clearly and neatly. Type (wordprocess) the answers, with no more than 2 pages each, double spaced with 1" margins. If I cannot read your answer or understand your grammar, or if you provide multiple answers, the answer will be wrong.

You may have notes, books or other reference materials that you desire. However, you must do the exam alone.

This exam is due on Friday, March 18 by 5 pm. Turn in hard copy of the exam — do not email the exam to me. The exception, of course, is question 3, the URL of which should be sent to my email and turned in with your exam.

1. There are multiple critical functions that a MBMS (model based management system) must provide, including alternative generation, model selection, access to models, and sensitivity analysis. Discuss how you might include these functions in a system that is intended to provide support for someone selecting a computer system. In other words, discuss how you might design a MBMS for the project you are considering this semester.

2. Consider the decision making theories associated with Piaget and discuss how these theories will impact the how you will design your DSS this semester. In particular, identify a specific feature for the DSS that would be impacted by the decision making style issues discussed by Piaget. It might be an issue with the user interface, how the modeling, or the data component. Identify the feature, how you would operationalize it, and how it illustrates Piaget decision making model.

3. Create a web page that might be appropriate as an opening page for your project this semester. Ask the student for his or her name and display it to the screen. Give the user a button to select navigation. When the user selects the left hand button, the system should then open two additional windows, each half of the screen. Remember to provide appropriate documentation at the bottom of the screen.