Data Modeling

1) Assume that you are hired by a video store to develop an information system for their video rental operations. Define the entities, attributes and rules that such a system may require. (you may want to visit a store and quietly observe their operation, you may also be able to interview the manager if you call ahead and make an appointment.)

2) Describe the tools, forms, charts, tables and other techniques you would use for data modeling. Explain which tool, form, chart, etc. is most appropriate for presenting information to system owners, system users, system designers and system builders.

What to hand in:

* Cover page with your name, course # and name, assignment #, due date, and date submitted.

* List of entities, attributes, rules, summary of interviews, ERTs, Entity Attribute Rules Table and a basic ERD.

* Make sure to designate which tool, form, chart, etc. is most appropriate for presenting the information to which category of people.

* Use a drawing package such as Microsoft Power Point, Visio or a CASE tool for the drawings.