

CSC 321/621 – Project Guidelines
Distributed: 2/16/2012

Choice of Domain and Team – Thursday, February 23, 2012

Undergraduate students should choose at most one partner to work with. A decision should be made in which domain the project will be focused. Email team composition and domain to Professor Turkett at turketwh.dbcourse@gmail.com

E/R Modeling of Domain – Thursday, March 1, 2012

A representative ER diagram of the domain should be developed, as well as a description of constraints known in the domain, very much like the description provided for the Deacon Boutique Hotels domain in Programming Assignment #1. If the student is unfamiliar with the domain, it may be necessary to talk to Dr. Turkett or other appropriate persons to gain further insight into the data to be represented.

In addition to the ER diagram and ER description, a list of between 5 and 10 queries (in English, not SQL syntax) that are expected to be the primary queries employed in the system should be provided.

Database Design – Thursday, March 8, 2012

A representative relational model of the domain should be developed from the ER diagram. Such a model should include efforts at normalization as appropriate (a topic not yet covered as of 2/16/2012).

Database Creation – Thursday, March 22, 2012

Based off of the previous design step, scripts to manage creation and deletion of the database should be developed, as well as scripts for creating test datasets.

Database Interaction – Thursday, April 19, 2012

Given the database created in the previous step, mechanisms for adding information to the database and for querying information from the database should be developed. At least one part of this process should be through an end-user application. For example, if one was building a discussion forum, a web interface may serve as both the means for inserting and retrieving information. In other cases, where the typical client is only gaining access to information, mechanisms to facilitate an administrator adding information to a database should be implemented (so, one side one dealing with the database may be sql scripts if desired).

Database Presentation – Thursday, April 26, 2012

Projects will be presented in an informal setting. Such a presentation should include a notebook of the documents generated in earlier steps of the project.