

# ER to Relational Transformation

This assignment is due on Thursday February 26, 2009 in class.

Use the attached ER diagram to complete the items below. The diagram represents a solution for Assignment 1.

1. Transform the attached ER diagram to its corresponding relational schema.
2. Transform YOUR solution to Assignment 1 to its corresponding relational schema.
3. Analyze and compare the resulting relational schemas from items 1 and 2 and answer the following questions. No need to be brief. Even if you cannot reach a clear answer to the questions, make sure to write down the thought process that led you to believe that there is no clear answer to a question.
  - a) What are the advantages of your schema versus the schema resulting from item 1 above? Think of the advantages in terms of expressive power of the design, how close it fulfills the specification, and how it might affect the system implementation and maintenance in the future.
  - b) What are the advantages of the schema from part 1 versus the schema resulting from your ER diagram?

# Car Donation System

CIS4301 – Spring 2009

