CLASS PREPARATION GUIDE – WEEK 2

INDE499B: Information Systems
Dr. Jennifer Turns
Autumn 2000

For Monday, 2 October 2000:

Reading(s):
- Components of the Database Environment. Textbook, p. 25-27. Provides a model that is similar to, yet different from, the information system model on the syllabus.
- Basic Concepts and Definitions. Textbook, pages 4-7. Defines three key terms, data, information, and metadata.
- Figure 1-3 (and Enterprise Data Model). Textbook, pages 10-11. In reading this, I would like you to focus mainly on understanding the entity-relationship data model in the figure.

Classroom Preparation Activity:
- None

** Project Deliverable 1 is due in class.

For Wednesday, 4 October 2000:

Reading(s): The Database Approach
- Traditional File Processing Systems, Textbook pp. 7-10,
- The Database Approach, Textbook pp. 10-15,
- Advantages of the Database Approach, Textbook pp. 21-24, and

Classroom Preparation Activity:
- Please complete the question survey located at the following web address: [http://depts.washington.edu/ctlt/catalyst/webq/survey.cgi?user=jturns&survey=2](http://depts.washington.edu/ctlt/catalyst/webq/survey.cgi?user=jturns&survey=2). One question asks about the “database approach.” The other question asks about the distinction between the terms “information system” and “database system.” This assignment is due by 8:00 AM.

For Friday, 6 October 2000:

Reading(s):

Classroom Preparation Activity:
- Figures 2-4 and 2-5 present the development life cycle in terms of activities that are done. Another way to think about such a life cycle is in terms of the decisions that must be made in association with the general activities (i.e., what decisions are made during Planning, during Logical Design, and during Implementation). In order to prepare for class, please consider the development of a new information system for an E-commerce business such as Amazon.com. Identify an example decision that would need to be made during each system development life cycle activity for such a project. Due in class.