**CS1: Case Study**

**A Database Project in a Small Company**

**(or How the Real World Doesn’t Always Follow the Book)**

**Due:** Monday, September 2, 2013 at 6PM. Reviews by Sunday, September 1, 2013 at 6PM.

**Directions:**

1. Read the case study:

Mallach, Efrem (2006) “A Database Project in a Small Company (or How the Real World Doesn’t Always Follow the Book).” Journal of Cases on Information Technology 8(3) pp.24-40. which is found on Blackboard.

1. Answer the questions below; most of these questions will only require a short answer (less than 50 words).

**Overview of Case Study:** The case study describes the attempted development of a database application by the Balmoral Consulting Company. As you will see through the semester the Balmoral personnel made many system development process errors in the creation of the database system which led to problems in the functionality and usability of the final system. This case study highlights the need for the use of a consistent and verifiable development process. The case study used in this assignment and referred to throughout the semester. A final comprehensive assignment using the case will conclude the course.

**Question 1:** Describe the purpose of the database system described in this case (p. 24)

**Question 2:** Describe an industry analyst (p. 24-27)

**Question 3:** Describe the specialty of the Balmoral Group, Inc. (p. 24-27)

**Question 4:** Describe the Balmoral Group’s initial offerings (p. 24-27)

**Question 5:** Describe the earliest attempt at creating the elements for the database (p. 27-28)

**Question 6:** Describe the initial review of the database elements (p. 27-28)

**Question 7:** Describe the process Ackerman used for determining the system requirements (p. 27-28)

**Question 8:** Describe the origin of the database deficiencies (p. 30-31)

**Question 9:** Describe the initial client input (p. 30-31)

**Question 10:** Which of the four challenges/problems facing Balmoral in 2003 is most important and why? (p. 38)

**Grading:** Each of the above questions will be graded on a 0-3 scale.