

Exercise #5 (2016Z)

Due: **Sec1: Oct 11 (Tu) & Sec2: Oct 13 (Thurs)**

Points: 10 points

Pratt & Last (8th ed.): TAL Distributors [TAL] Database; Transform to Data Warehouses

1. Assignments must have cover sheet (scoring form with your name) and table of contents (Table of contents should include page numbers). Use ACCESS, with the TAL database.
2. Redesign the TAL database as a data warehouse as described in Adamson & Venerable [Chapters 1 & 2] and Jukic [Chapter 7]. Use the Star diagram as the basis for their design. Be sure to include a meaningful Time dimension table. See website.
3. Turn-in printouts of the REVISED Star Diagrams for the database.
4. On a separate page(s), clearly identify for each database:
 1. Fact tables, dimension tables, primary keys, foreign keys, alternate keys, etc. Use the Relationship Report feature in Access to Print out the ERD.
 2. Use Relational Notation from Pratt & Last, which I stressed in class.
5. Identify the correct Normal Form [1NF, 2NF, 3NF, etc.] of each table.

•**NOTE: You should use the ORIGINAL Access copy of the TAL database for this assignment.**

Name: _____ Day / Eve _____ Score: _____ /10

Homework #5 Scoresheet

BCIS 4660 Database Warehouse Concepts

(10 Points)

Homework Assignment #5 Score sheet

| Assignment Appearance | ScoreSheet Table of Contents | ± ½ ± ½ | SCORE |
|-----------------------|----------------------------------|----------------|-------|
| | | | /-1 |
| Problem No. | SQL or ERD and/or Relation lists | Datasheet View | |
| TAL | Star Diagram | | |
| TAL | OrderDetail | | /2 |
| TAL | Time2015 | | /2 |
| TAL | Rep | | /1 |
| TAL | Item | | /1 |
| TAL | Customer | | /1 |
| TAL | SUBTOTAL | | /7 |
| | | | |
| TAL | Relation List | | /1 |
| | Keys | | /1 |
| TAL | Normal Forms | | /1 |
| TAL | SUBTOTAL | Maximum | /3 |
| | | | |
| TAL | MAXIMUM TOTAL | | /10 |

Comments: