

**IDSc 3202 Analysis and Modeling for Business Systems Development
Spring 2003, Professor Weidong Xia
Assignment 3 – Database Design/Microsoft Access/SQL 2 (Tables, Menus and GUIs)**

OUT: April 9, 2003 (Wednesday)

DUE: April 23, 2003 (Wednesday) before class – **Name your file as 3202_HW32_your_last_name (e.g., my file name would be 3202_HW32_Xia), zip the database file and email it to TA Kunsoo (khan@csom.umn.edu).**

The purpose of part 2 of this assignment is to learn changing database structure, creating menus, and creating a form for maintaining database tables. The outcome of this part will be used in Part 3 of the assignment.

Deliverables: Following the instructions, you should:

- 1) change the database structure by manipulating table specifications and specifying relationships,
- 2) create menus,
- 3) create a GUI form for maintaining the GL table, and
- 4) submit the **zipped file** via email to Kunsoo at khan@csom.umn.edu before April 23, 2003.

Note: You MUST use the .mdb file that contains the result of Part 1 of the assignment.

Part 2 Table of Content

1. Database Structures

- 1.1 Table Specifications
- 1.2 Specifying Relationships

2. Menu Structures

- 2.1 A "Not Yet Implemented" Form
- 2.2 Create the ISYSMainMenu Menubar
- 2.3 Linking Menu Items to Actions
- 2.4 A Main Menu Application Form

3. GUIs for Maintaining Tables

- 3.1 Data Maintenance Forms
- 3.2 Using Control Buttons for Record Operations
- 3.3 Defining Actions in Associated Forms

4. BUTTON FORMS