

BADM 064 SPRING 2007

Assignment 3 – Access

Homework, Due: April 4, 2007

Objective:

Create a database in Microsoft Access and Oracle 10g DBMS to complete the requirements below.¹

Requirements:

Microsoft Access:

1. Create a new database and name it as your **FirstName_LastName.mdb**.
2. Import the Excel file data in to the database and name the table tblCustomers.
3. Ensure that the following field names are used, and make **CustomerID** the primary key:

CustomerID

CompanyName

ContactName

ContactTitle

Address

City

Region

PostalCode

Country

Phone

Fax

4. Create the following fields **and select appropriate datatypes**:

Email

Web_Page

Date_Record_Created

Maximum_Credit_Amount

Comments

5. Create a data entry in the customer table with your name, e-mail, web site, etc.
6. Query 1 – Create a query that shows all customers located in Germany.


Name it properly: qryCustomersGermany or qry_Customers_Germany

7. Query 2 – Create a query to find all owners located in the USA and Germany. (Owners are those customers who have “owner” in the field called Contact Title.)

Name it properly: qryOwners_USA_Germany or qry_Owners_USA_Germany

8. Create a form to enter new customer data. The form must be named frmCustomer.
9. Create a report for Query #2, and name it rptOwners.

Oracle 10g:

10.  Create an Oracle database application based on the excel data sheet and e-mail the URL of your application. Use Oracle APEX: <http://oracle.msist.gwu.edu:7777/pls/htmldb>.

SUBMISSION:

Click on Tools, Database Utilities, Compact and Repair Database (Access 2003).

Zip the database using 7-zip or WinZip.

E-mail the zipped file to the instructor at sergey@gwu.edu. Include the URL for your Oracle applications.

The database must be received by 1 PM on Wednesday, April 4 (after class).

Please collaborate and help each other.

This assignment is worth 25 points.

¹ You may download a free copy of Microsoft Access from <http://labs.msist.gwu.edu/msdnaa>.