COMP 3311
Database Management Systems

Lab 9

Task 3 Setup

Lab Topics

- ☐ Setting up the website for Task 3.

- ☐ Completing the programming part of Task 3.

Task3 Folder

- **Download** the folder Task3.zip from the Task 3 Setup entry of the Lab Schedule course web page and unzip it.

- In SQL Developer run the script file Task3DB.sql inside the Task3 folder to set up the database for Task 3.

- In Visual Studio, open the solution FYPMSWebsite.sln.

Modifying The Web.config File

☐ In the **Solution Explorer**, open the Web.config file.

☐ Find the line
    <add name="FYPMSConnectionString ..."

☐ On this line, find the following:
    ID=comp3311stuXXX;Password=XXXXXXXX
    and replace
    comp3311stuXXX with your Oracle username
    XXXXXXXX with your Oracle password

☐ Save and close the Web.config file.

Build And Test The Website

☐ Select Build Solution in the Build menu or select the **F6** function key.

   ■ If building the website fails, see the TA.

☐ If you get the warning "Solution has not been saved...", then do the following:

   ■ Select Save All in the File menu.

   ■ Click the Save button.

   ■ Select Yes if asked to replace the existing file.

☐ Select Start Debugging in the Debug menu or select the **F5** function key to view the website.

Complete the Code File
FYPMSDBAccess.cs

- The C# code file FYPMSDBAccess.cs in the App_Code folder is missing the SQL statements required to access the Oracle database.

- Complete the **40 TODOs** in the FYPMSDBAccess.cs code file by adding the required SQL statements.

YOU SHOULD NOT MODIFY ANY OF THE OTHER FILES!
In particular, <u>do not</u> modify the web forms or the C# code-behind files. We cannot help you if you have changed these files. In this case, the best thing to do is to <u>start over</u>.

Before trying to execute a complex SQL statement in Visual Studio, it is highly recommended that you first "debug" it in SQL Developer.

IMPORTANT NOTE

Make a backup of either the entire *Visual Studio* project folder *or* the FYPMSDBAccess.cs code file often!

Do not rely on your website folder being on a desktop in the Azure virtual machine or the ITSC virtual barn.

If your website folder is deleted, we cannot help you recover it. You will have to start from scratch!