***Managing Users & Security***

It is recommended that you do not login to the database (after the intital setup) using the SYS account.

The SYS account stores all of the base tables and views for the data dictionary and are critical for the operation of Oracle XE.

The SYSTEM account will allow access to perform all administrative functions other than starting up and shutting down the database.

Please note that the role = default when you login with the SYSTEM account.

You can also login as an administrator in a number of ways:

* Log in as user SYSTEM
* Log in as a user who has been granted the DBA role
* Log in and connect to the db as SYSDBA (through the command line)

***How to Change Administrative Passwords***

Using SQL command line, connect to the db as SYSDBA:

CONNECT SYS/<PASSWORD> AS SYSDBA

Enter the following command to change the password:

ALTER USER SYS IDENTIFIED BY NEWPASSWORD;

ALTER USER SYSTEM IDENTIFIED BY NEWPASSWORD;

***Managing DB Users (Oracle DBA Documentation Section 7-7)***

In the SQL Developer Navigation Pane, open a connection to the SYSTEM user.

In the nodes under this SYSTEM connection, expand “Other Users”

Right Click ‘Other Users – Create User’

To alter/edit or drop a user – right click the user in the hierarchy and select the appropriate command.

Note: if you want to change the username you must drop the user and re-create that user with a different name.

For all users the *default* *tablespace* should be *USERS*. If none is specified then the SYSTEM tablespace is used.

The *default temporary tablespace* should be *TEMP*.

Under ‘Roles’ select the following:

CONNECT

RESOURCE

Apply what system privileges you wish the user to have.

***To Alter a User***

Right click ‘Other Users’

Right click the user in question – choose Edit User

Make the necessary modifications

Apply & close.

***To Drop a User***

Right click ‘Other Users’

Right click the user in question – choose Drop User

NB Check CASCADE (to ensure that the users schema will be dropped also).

NB When you create a user in Oracle, Oracle automatically creates a corresponding schema.

A table must be in your own schema.

Tables must belong to the same schema.

To view all tables relating to a schema : Right click the connection in question, choose Schema Browser.