*Lab 5*

*Tasks:*

1. *Refer to the ERD in the next page, map it to logical relations, write out the table types, identify PKs, FKs*
2. *Choose suitable data type , create this database in your Oracle database schema*
3. *Populate each table with at least 5 rows of data, more data needed for those tables representing relationships. Make sure you have Database as one of the modules, and Mary as one of the lecturers.*
4. *Work out the following queries:*

*List all students with a grade over 85% for Database (Module#)*

*List all module titles chosen by students with over 95% for IMAT5167*

*List all the names of students taught by Mary*

*List all students with the highest module results in each module*

*List student name and lecturer name for each student and his/her lecturer for his/her best module*

Student

Stud# {PK}

Name

City

Gender

Module

Module# {PK}

Title

Credit

Take >

1..12

0..30

Student\_module\_result

Test\_date

1..3

Taught by

v

Lecturer

Lecturer# {PK}

Name

Telephone

1..1