**Database Development Assignment| Check List**

Databases PJ1 50% | Demos Week commencing April 2017

**Description**

Translate an entity relationship diagram and associated table specifications to create and query a functioning database using SQL. The focus is on professionalism and it is important to apply good practise throughout, it will impact your grade. **See good practice guidance provided.**

**Instructions**

**Marking is based on correctness, professionalism and good practice**.

* You will need to be **enrolled on the correct group** to upload this assessment
* You must submit on or before the deadline, don’t leave it to the las second
* If you submit late you have week to achieve a maximum grade of D-
* There will be a separate resit in the summer for those who have failed.

**Check List**

This is a group assessment and the files need to be uploaded to Blackboard. Check the submission location, date and time. Check you have attempted the following.

* Ensure you have NOT shared files or left files accessible to others
* Test your database runs
* **Table specs**

No of tables, plural names, no spaces, correct datatypes, key types match

* **Creates**

Number of tables \_\_\_, Number sequences \_\_\_\_ Mandatory keys Y/N

Order Y/N, Defaults Y/N

* **Primary Keys**

Number of pks \_\_\_\_, Number of compounds\_\_\_\_\_ Good practice names

* **Foreign Keys**

Number of fks\_\_\_\_\_, Number of compound\_\_\_\_\_\_, Good practice names

* **Validation**

Check IN, UPPER, NN, defaults, unique

* **Inserts**

2 methods, with and without column list, integrity adhered to Y/N

defaults used Y/N , sequences used Y/N, correct case Y/N,

* **Queries**

Syntax, logic, where, join, operators

* **Drops**

Order: Keys, Checks, Tables, Sequences, Purge

* **General**

Check queries eg select tables, constraints etc? run files

* **Good Practice**

Check; folder and file structure, path and file names, case, run commands, comments