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| --- | --- | --- | --- | --- | --- | --- |
| **Databases** | **Very Good**  Work of high or distinguished quality | **Good**  Work of sound quality | **Satisfactory**  Work is broadly satisfactory | **Threshold**  Work covers basic requirements | **Poor**  Work indicates limited evidence of engagement | **Non Submission** |
| **Tables** | All table, columns and datatypes identified and normalised. Table and column names are appropriate and standard conventions applied. | All tables, columns and datatypes identified and normalised. Minor errors in names such as plurals or reserved words. Standard conventions applied. | Most tables, columns datatypes identified and correctly normalised. Minor errors in names such as plurals or reserved words and apply standard conventions. | Most tables, columns datatypes identified may not be fully normalised. Some errors in names such as plurals or reserved words and standard conventions applied. | Limited tables or columns identified, key rules of normalisation broken. Poor standard and conventions applied  **To improve this aspect of your work:** Review best practise. | Nothing presented |
| **Creates** | Well structure CREATE commands with appropriate datatypes or options. ALL Tables, Mandatory keys defined and adhere to standard convention. | Well structure CREATE commands with appropriate datatypes or options. Most Tables, Mandatory keys defined or some convention missed. | Most CREATE commands presented some errors with datatypes or options. Tables, Mandatory keys defined and some convention missed. | Most CREATE commands presented, some errors with datatypes or options. or Mandatory keys defined. some convention missed. | Limited CREATE commands presented, with datatypes or options errors. Tables, Mandatory keys missing and convention missed.  **To improve this aspect of your work:** Review basic database structure and DDL | Nothing presented |
| **Primary Keys** | All primary keys appropriately defined with integrity, persistence and stability. Names are appropriate and apply standard conventions. | All primary keys appropriately defined with integrity, persistence and stability. Minor errors in names and applying standard conventions. | Most primary keys appropriately defined with integrity, persistence and stability. Minor errors in names and applying standard conventions. | Most primary keys appropriately defined some errors concerning integrity, persistence or stability. Errors in names and applying standard conventions. | Few primary keys identified with errors concerning integrity, persistence or stability. Poor standard applied.  **To improve this aspect of your work:** Review entity integrity. | Nothing presented |
| **Foreign Keys** | All foreign keys correctly defined with integrity. Names are appropriate and apply standard conventions. Use of compound keys considered. | All foreign keys correctly defined with integrity. Minor errors in names and applying standard conventions. Use of compound keys considered. | Most foreign keys correctly defined with integrity. Minor errors in names and applying standard conventions. | Most foreign keys correctly defined some integrity errors. Errors in names and applying standard conventions. | Limited foreign keys are correctly defined with errors concerning integrity.  **To improve this aspect of your work**: Review referential integrity | Nothing presented |
| **Validation** | High level of domain integrity and validation including NOT NULLs, DEFAULTs, CHECK IN and UPPERs and UNIQUE constraints. All mandatory FKs NOT NULL. | Good level of domain integrity Including most validation methods NOT NULLs, DEFAULTs, CHECK IN and UPPERs and UNIQUE constraints. All mandatory FKs NOT NULL. | Acceptable level of domain integrity Including some validation methods; NOT NULLs, DEFAULTs, CHECK IN and UPPERs and UNIQUE constraints. | Basic level of domain integrity Including some validation methods; NOT NULLs, DEFAULTs, CHECK IN and UPPERs and UNIQUE constraints. | Poor level of domain integrity, limited validation methods applied; eg NOT NULLs, DEFAULTs, CHECK IN and UPPERs and UNIQUE constraints.  **To improve this aspect of your work:** Review domain integrity. | Nothing presented |
| **Inserts** | Well structure INSERT commands in to all tables that adhere to integrity rules. Range of methods applied eg with and without column list and defaults. Appropriate data inserted eg case. | Well structure INSERT commands in to all tables that adhere to integrity rules. Some methods applied eg with and without column list and defaults. Quality of data inappropriate eg case. | Well structure INSERT commands in to most tables that adhere to integrity rules. Limited methods applied eg with and without column list and defaults. Quality of data inappropriate eg case. | Clearly INSERT commands in to most tables. Integrity problems. Some methods applied eg with and without column list and defaults. Quality of data inappropriate eg case. | Limited INSERT commands in to tables. Errors in integrity rules. Basic methods applied. Poor quality of data.  **To improve this aspect of your work:** Review INSERT syntax and integrity. | Nothing presented |
| **Queries** | All queries completed. Queries are well structure and clearly presented and are syntactically and logically correct. | All queries completed. Queries are mostly well structure and clearly presented. May be minor syntactical errors but logically. | Most queries completed. Queries are mostly well structure and clearly presented. May be minor syntactically and logically errors. | Most queries completed. Queries are mostly well structure and clearly presented. Errors in syntax and logically errors. | Limited attempt at queries with errors in syntax and logic.  **To improve this aspect of your work:** Review SELECT syntax and join logic. | Nothing presented |
| **Drops** | Clearly defined drop commands for ALL database elements defined; keys, checks, tables and recyclebin purge. Integrity order maintained. | Clearly defined drop commands for all tables, keys and most database elements defined;, checks, and recyclebin purge. Integrity order maintained. | Drop commands for all tables and some database elements defined; keys, checks, and recyclebin purge. Some errors with syntax though Integrity maintained. | Clearly defined drop commands for all tables and some elements created in the databases; keys, checks, and recyclebin purge. Some errors with Integrity. | Limited attempt at complete drop file.  **To improve this aspect of your work:** Align database crease with deletion. Review referential and domain integrity. | Nothing presented |
| **Standards**  **Extras** | Thorough and complete submission including all of the following. Appropriate files structure, including comments and run command. Separate Run file. Appropriate case and useful checks. | Thorough submission including most of the following. Appropriate files structure, including comments and run command. Separate Run file. Appropriate case and useful checks. | Good submission including many of the following. Appropriate files structure, including comments and run command. Separate Run file. Appropriate case and useful checks. | Submission including some of the following. Appropriate files structure, including comments and run command. Separate Run file. Appropriate case and useful checks. | Basic submission, limited extras eg. Comments, run command, useful checks.  **To improve this aspect of your work:** Consider the completeness and standard of you database. | Nothing presented |

**Databases| Coursework 2 1 PJ1 Marking Rubric**--

Grade

**Databases | PJ1 Demo Sheet and outline Marking Criteria**

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| --- | --- | --- | --- | --- | --- | --- |
| **Group Number** |  | | | | | |
| **Students’ Numbers** | | | | | | |
|  | | A | B | C | D | F |
| **Demo:** presented demo prepared, explained development | |  |  |  |  |  |
| **Tables**  plural names, no spaces  appropriate datatypes, key types match  appropriate constraint names | |  |  |  |  |  |
| **Creates**  no of tables \_\_\_\_, Defaults Y/N  mandatory fkeys Y/N | |  |  |  |  |  |
| **Primary Keys**  no of pks \_\_\_\_, no of compounds\_\_\_\_\_  good practise names Y/N | |  |  |  |  |  |
| **Foreign Keys**  no of fks \_\_\_\_\_, no of compound \_\_\_\_\_\_  good practise names | |  |  |  |  |  |
| Validation CHECK; IN, UPPER, NN,  defaults, uniques | |  |  |  |  |  |
| **Inserts**  2 methods, column list  defaults applied, sequences applied,  correct case, integrity adhered to | |  |  |  |  |  |
| **Queries**  Syntax correct, logic correct, formatting  Projection, restriction, predicates,  join, multi join, operators, multi operators, complex | |  |  |  |  |  |
| Drops Keys, Checks,  Tables  Purge, test checks, | |  |  |  |  |  |
| **Extras eg**  additional queries eg parameter, functions, other | |  |  |  |  |  |
| **Folder/File structure** | |  |  |  |  |  |
| **Run commands** | |  |  |  |  |  |
| **Case** | |  |  |  |  |  |
| **Comments** | |  |  |  |  |  |
| Additional comments | | | | | | |