PROJECT MODULE 3                    NAME(s)_____
DATABASE MANAGEMENT SYSTEMS
MAX 10 pt.

**Remember ALL sections must be tabbed, labeled and submitted in the order given here.  Each row is a section.**

*Include most recently reviewed documents in the appropriate sections with the final documents. The reviewed documents are the ones I mark up and date.* This will speed up grading.  Make sure you make any changes specified on them before submission.

| Section | Label | Contents | Accuracy | Score Evaluation |
|---|---|---|---|---|
| 3A | Mod 3 Cover Sheet | Cover sheet Mod 3 signed | | Required |
| 3B | Mod 3 Grade Sheet | Grade sheet for Part 3 | | Required |
| 2A | Mod 2 cover sheet | Mod 2 cover sheet | | Required |
| 2B | Mod 2  grade sheet | Mod 2  grade sheet | | |
| 1A | Mod 1 cover sheet | Mod 1 cover sheet | | Required |
| 1B | Mod 1  grade sheet | Mod 1  grade sheet | | |
| 1C-1K | Orig Mod 1 | Module 1 as originally submitted with dividers | | Required |
| 2C | Rev Mod 1 | Module 1 Revised 3NF & ERD | | Required |
| 2d - 2H | Orig Mod 2 | Module 2 as originally submitted  with dividers | | Required |
| 3C | Rev Mod 1 & 2 | Module 1 & 2 revised 3NF, ERD, instance charts, tables, sequences, etc | Will take off more if this is very bad | 0.25 |
| 3D | Mod 3 Instructions | Module 3 Instructions | | |
| 3E | Mod 3 Bus Rules | **Module 3 Business Rules** | | 0.25 |

| | | **Module 3 – Part 1a** | | 1.5 |
|---|---|---|---|---|
| 3F | Excel Data | Data in Excel only with Instance Charts & Invoice<br><br>• approved invoice<br>• approved instance charts<br>• approved sequences<br>• have proper number of rows i.e., enough appropriate data<br>• must be logical ex. invoice dates increase as invoice numbers increase<br>• answer to the question posed is on top instance chart | | |
| 3F revised | Rev Excel Data | Mod 3 Part 1a revisions | | |

| | | **Module 3 – Part 1b** | | |
|---|---|---|---|---|
| 3G | Inserts | **Insert statements** must<br><br>• when run must be spooled<br>• use sequences<br>• have proper number of rows i.e., enough appropriate data<br>• use no single quotes around numbers<br>• be properly formatted<br>• be printed landscape to minimize line wrap when appropriate<br>• may be printed on both sides of paper<br>• have proper indentation | | 2.5 pt. |

| | | | | |
|---|---|---|---|---|
| | | **All Queries must** | | |
| | | when run must be spooled | | |
| | | **make sense** – real world | | |
| | | **demonstrate that the query really works** – data matches whatever you're trying to show | | |
| | | comment its purpose & which query it satisfies | | |
| | | not use table aliases | | 0.5 pt |
| | | have appropriate formatting | | |
| | | be printed landscape to minimize line wrap | | |
| | | be printed on one side of paper only | | |
| | | show the formatting statements | | |
| | | properly indented | | |
| | | be significantly different from each other | | |
| | | | | |
| 3H | All Data Queries | Queries - **All data from each table** – ex. if you have 5 tables then you have 5 queries | | 1.0 pt |

| | | **Module 3 - Part 2 - Queries** | | |
|---|---|---|---|---|
| 3I | Query - Sorts | • Data which is sorted on a non-key (not on PK or FK) field  (minimum of 4 queries)<br>   o 2 should sort on one field<br>   o 2 should sort on multiple fields) | | 1.0 pt |
| 3J | Query - subsets of d | • Data which returns multiple rows, but only  a subset of rows (minimum of 4 queries)<br>   o 1 should use AND/OR (not a between)<br>   o 1 should use =<br>   o 1 should use LIKE and wildcard characters<br>   o 1 should be something other than the above listed choices | | 1.0 pt |
| 3K | Query - Joins | • Data from multiple tables (minimum of 4 queries)<br>**Not use table aliases**. Joins must be necessary.<br>   o 1 should use inner join<br>   o 1 should use outer join<br>   o 1 should use inner join with at least 4 tables<br>   o 1 other | | 1.0 pt |
| 3L | Query - Grouped | • Data which is grouped (minimum of 4 queries)<br>   o 1 should calculate the grand total for each invoice<br>   o 1 should count the number of invoices or items you have<br>   o 1 should use the GROUP BY clause<br>   o 1 should be something other than the above listed choices | | 1.0 pt |

| | Canvas Submission | Command files which contain the scripts  (source code) | | Required |
|---|---|---|---|---|
| | | Comment with team member names at top of every file | | |
| | | File 1 | | |
| | | File 2 | | |
| | | File 3 | | |
| | | Named correctly | | |
| | | Submitted via Canvas links | | |
| | | Are not zipped | | |
| | | Will open in **Notepad** properly | | |

**Printed with output means you must run your commands and spool them so that the output goes to a file. It is the contents of the spooled file that I want printed and submitted.**

*Note:*  Missing "Required" sections of the module will result up to a 1 pt. reduction from the module score.

Last Updated: August 8, 2018