**Upload Checklist**

Have you uploaded the following along with this document?

|  |  |  |
| --- | --- | --- |
|  | **Deliverable** | **Uploaded (YES/NO)** |
| 1 | A screenshot of the original design in Excel or Lucidchart |  |
| 2 | A screenshot of the database diagram created in SQL Server |  |
| 3 | The .sql file |  |
| 4 | The .bacpac file |  |

**Question 1 (15 marks)**

Explain the critical thinking underlying your WMS database design by filling out the table below.

|  |  |  |
| --- | --- | --- |
|  | **Insert screenshot of table name and columns (including primary and foreign keys) from SQL Server Object Explorer window.** | * **Explain the need for this table in supporting the company’s operations (One sentence only for each table).** * **Explain your choice of primary key for this table (One sentence only for each table).** * **If the table includes a foreign key explain the relationship it represents (One sentence only for each table).** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

(You will need to add more rows to the above table as necessary for your WMS database design.)

**Question 2 (15 marks)**

Please describe the output and the critical thinking underlying each of **five** queries addressing five of the operational problems listed in the take-home quiz instruction document.

|  |  |  |
| --- | --- | --- |
|  | **Include screenshot of the query syntax.**  **Include screenshot of the query output.** | **Explain how this query addresses specific operational needs (Two sentences only for each query)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

**Appendix**

Please provide screenshots of all queries used for creating dummy data. The purpose of this Appendix is for you to demonstrate that you have set up the dummy data correctly for tables you are going to use for the queries in Question 2.

|  |  |
| --- | --- |
|  | **Include screenshot of the query syntax.** |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |

(You will need to add more rows to the above table as necessary for your WMS database design.)