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Database Design & Mgmt.
Final Exam: Take Home Questions
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2a. The first thing I did to change the composition was split SalesName into SalesFName (Salesman First Name) and SalesLName (Salesman Last Name) to make the Salesman table completely autonomous. The next thing I did was make a new table called Order_Errors based off a no match query on the Order_Info table. I then removed these records from the Order_Info table so that I could enforce referential Integrity.

6. Though Microsoft Access has many qualities of a true DBMS it is not however a true DBMS at its core. A true DBMS allows for one or more users to create and access data in a database. A DBMS manages user requests so that the user or user's program need not know exactly where and how the data in the database is stored. One reason I argue that Microsoft Access is not a true DBMS is that it does not enforce referential integrity. This could become very problematic if the user or the user's application starts implementing DML without realizing they are disobeying the laws of referential integrity. Microsoft Access could more aptly be described as an application development tool. For instance, Access is based on the SQL DBMS model and not the relational model, and thus Access violates E.F. Codd's "Information Rule."