MBA 615 – Assignment 1

Data Modeling

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# Assumptions

The following assumptions were made in order to produce the ERD:

* A sub item can’t exist without having a parent item. If the sub-item does not have a parent item, it should be classifies as parent item without child item
* An item can be composed of multiple sub items, and sub items can belong to multiple items (reason why self-referencing table was not used)
* Any employee that works at such a perspicuous company as “Wallcoverings” possesses at least one skill
* A branch cannot operate without employees, therefore every branch must have at least one employee
* A dependent can only be linked to a single employee. If 2 parents have the same dependent child, the child will only be linked to one of its parents, not both
* Customer can’t belong to any branches without placing an order. Therefore orders are used to allow a many-to-many relationship between branches and customers
* Although multiple customers or employees can live at the same address, a branch has a single address.

