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Bacchus Winery

Mod 9 Case Study

**Below are the initial business rules that we have decided upon:**

* Each supplier is responsible for many supplies.
* Each Distributor can place many orders.
* Each order can contain many products.
* Every order gets one tracking number.
* Each supervisor has one department.
* One department can have many employees.
* Merlot grapes make one wine.
* Cabernet grapes make one wine.
* Chardonnay grapes make many wines.

**In order to create the above business rules, the following Assumptions were made:**

* A Merlot grape does not have to be associated with each product. Not all grapes produced are used in each product.
* A Cabernet grape does not have to be associated with each product. Not all grapes produced are used in each product.
* A Chardonnay grape can be used in two different products but does not have to be used in every product.

Diagram

Description automatically generated