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Module 9.1 Assignment

**Business Rules**

Supply:

* Each supplier provides specific items regularly (bottles, corks, labels, vats, tubing)
* Track delivery schedules including actual vs expected dates
* Orders should be placed and tracked online

Distribution:

* Order and track shipments online
* Track sale statistics and compare to sale goals

Employees:

* Track employee work performance
* Roles to include finance, marketing, production, and distribution
* Provide monthly reports and compare to performance goals

Wines:

* Merlot, Cabernet, Chablis, and Chardonnay
* Track distribution & sales for each wine type

Inventory:

* Track by type, quantity, and age
* Flag to review items over 5 years old

Marketing:

* Track new offers and compare to sales
* Provide a monthly/quarterly review to determine effectiveness

**Assumptions:**

* Suppliers have unique company name and provide different supplies
* Each wine type has many distributors
* All reports will contribute to Stan and Davis’ EOY report
* Goals are already set for production and delivery

Initial ERD:

A diagram of a server

Description automatically generated

Revised ERD:

