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Case Study: Bacchus Winery

Milestone #1:

Business Rules:

- *An inbound order has a supplier.*
- *Inventory is increased by the number of inbound orders depending on the Supply_no.*
- *Inventory has all its data like pricing and name stored inside the Item table.*
- *When bottles of wine are made internally, inventory would be tracked to reduce the number of supplied parts like bottles, corks, etc, and increase wine stock.*
- *Distributors create Outbound_orders that can have many Items.*
- *Inventory orders (inbound_orders) are tracked by comparing expected_delivery_date with actual_delivery_date*
- *Contact table houses employee, distributors, and suppliers contact information by distinct contact_id's*
- *One employee is associated with one payroll*
- *One department has many employees and managers*
- *One employee is associated with many work_hours entries*

Initial ERD:



Milestone #2:

Create Tables File(.sql): *Bacchus_Winery_Table_Inserts.sql*

Insert/Display Tables File(.py): *bacchus_winery_inserts.py*

Screenshots of Output:

Revised ERD: Image Below

Bacchus Winery Case Study

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