

Group 3

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Bacchus Winery

Business Rules

Supplier Tracking:

Bacchus Winery needs to track product suppliers and their delivery history. Compare ETA vs Delivery performance.

- Track Suppliers & what items they supply
- Track Supplies the winery uses
- Track Supply inventory
- Track Shipping from suppliers

Sales and distribution tracking:

Bacchus needs to enable distributors to order wines, and to be able to track and inform their distributors of shipments.

- Distributor accounts – Distributors able to order specific wines wanted
- Track orders – Track sales of specific wines to specific distributors and any changes in sales volume (either negative or positive).
- Shipment tracking

Inventory tracking:

Bacchus needs to keep an updated and workable inventory list to be able to have a working knowledge of what is currently available.

- Total Producible product list
- On hand inventory
- Required supplies to produce each product

Employee tracking:

- Timecard Punches – in & out punches
- Employee table – Name, Department, Job title, Employee ID #
- Generate reports on hours worked

Assumptions:

- All employees will punch in & out regardless of if they are Hourly or Exempt to determine hours worked.
- Bacchus Wines only sells b2b
- All shipping has tracking information

Initial ERD

Bacchus Winery ERD

