Group 2

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CSD 310-320M

Module 9.1

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**Bacchus Winery ERD**

Business Rules:

* Employees-id(pk), name, hours(quarterly), role id(fk)
* Suppliers-id(pk), name
* Inventory(wine)- id(pk), supplier id(fk), component type/item type, quantity on hand, last updated
* Wine inventory- id(pk), wine type, quantity on hand, last updated
* Distributor-id(pk), name
* Role-id(pk, role name, description)
* Sales-id(pk), order id(fk), quantity sold, sale date, distributor id(fk), sales channel
* Order-id(pk), order date, status, total amount
* Delivery-id(pk), item id(fk), expected delivery date, status

Supplier>Inventory 1 to many  
Inventory>Delivery 1 to many

Wine>Orders many to 1

Sales>Distributor many to many

Sales>Orders many to 1

Employee>Role 1 to many

