Group 2
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CSD 310-320M
Module 9.1
25th of September 2024

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

Supplier
supplier Id(pk)
name

Inventory
item id(pk)
supplier id(fk)
item type
quantity on hand
last updated

Delivery
delivery id (pk)

item id(fk)
expected delivery date
status

Wine
wine id(pk)
wine type
quantity on hand
last updated

Order
order id (pk)

Order date
status
total amount

Role
role Id(pk)
role name
description

Employee
employee id(pk)
name
role id(fk)
hours worked(quarterly)

Distributor
distributor id(pk)
name

Slales
sales Id(pk)
order id(fk)
quantity sold
sales date
distributor id(fk)
sales channel