Relational Schema

Key

- <mark>Highlight</mark> – foreign Key
    - Has information on where they come from underneath
- <u>Primary Key</u>
- *Italics* – Subtype inheritance

Relational Schema

- User (<u>Username</u>, password, *iscust, isEmp*, phone, email, address, emp_type, billing_information)
    - Emp_type adnd billing_information relate on if the person is a cust or an employee.
- Cart (<u>Order_ID,</u> Total, Quantity, <mark>Product_ID</mark>)
    - Product_ID is from Inventory
- Inventory (<u>Product_ID,</u> AmountHeld, Price, ProductName)
- CustHasCart (<u>Order_ID,</u> Total, Quantity, <mark>Product_ID</mark>, <mark>Username</mark>)
    - Product_ID is from Inventory
    - Username is from User
- CartContainsInventory (<u>Product_ID,</u> AmountHeld, Price, ProductName, <mark>Order_ID</mark>)
    - Order_ID is from Cart
- EmpMaintainsInventory (<u>Product_ID,</u> AmountHeld, Price, ProductName, <mark>Username</mark>)
    - Username is from User

- Orders (<mark>Order_ID</mark>, <mark>Username</mark>, <mark>Quantity</mark>, Shipping_address, Billing_information, <mark>Product_ID</mark>)
    - Quantity is from Cart, but also an attribute of order
    - Order_ID is from cart
    - Username is from user
    - Product_ID is from Inventory
        - Billing_Information contains CVV, CC_Num, CC_Expire