

Relational Schema

Key

- **Highlight** – foreign Key
 - Has information on where they come from underneath
- Primary Key
- *Italics* – Subtype inheritance

Relational Schema

- User (Username, password, *iscust*, *isEmp*, email, address, emp_type, billing_information)
 - Emp_type and billing_information relates on if the person is a cust or an employee.
- Cart (Order_ID, Total, Quantity)
- Inventory (Product_ID, AmountHeld, Price, ProductName)
- Order (Confirm_num, is_processed, is_shipped, amountPaid, track_order, add_note)
- CustHasCart (Order_ID, Total, Quantity, **Username**)
 - Product_ID is from Inventory
 - Username is from User
- CartContainsInventory (Product_ID, AmountHeld, Price, ProductName, **Order_ID**)
 - Order_ID is from Cart
- EmpMaintainsInventory (Product_ID, AmountHeld, Price, ProductName, **Username**)

- Username is from User
- MakeOrder (Username, Order_ID, Confirm_num)
 - Username is from user
 - Order_ID is from cart
 - Confirm_num is from order
- fulfillOrder (Username, Confirm_num)
 - Username is from User
 - Confirm_num is from order