

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*)
- Cart (Order_ID, Total, Quantity, **Product_ID**)
 - Product_ID is from Inventory
- Inventory (Product_ID, AmountHeld, Price, ProductName)
- CustHasCart (Order_ID, Total, Quantity, **Product_ID**, **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
- Orders (**Order_ID**, **Username**, Quantity, Shipping_address, Billing_information, **Product_ID**)
 - 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