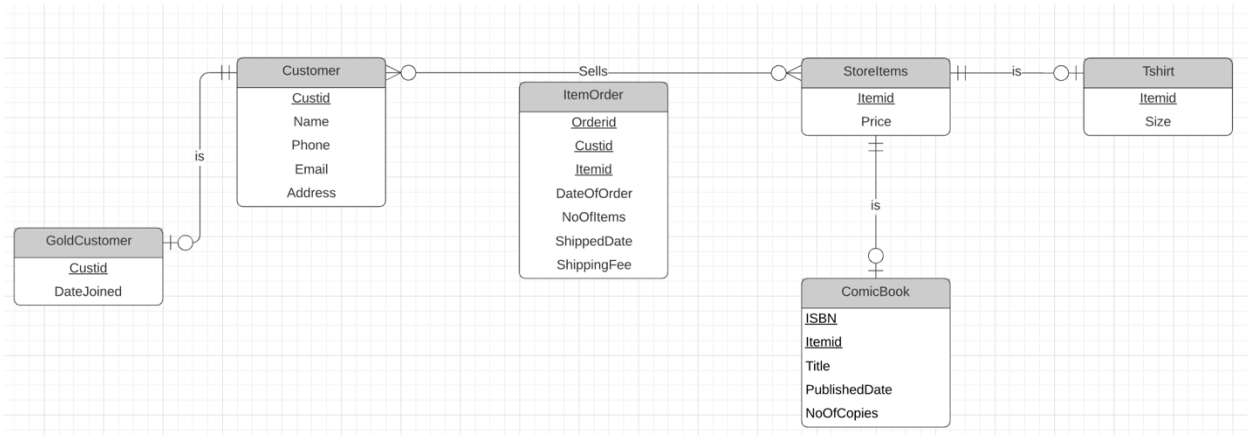


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COEN 178
06/04/20
Final Deliverable

Original ER Model:



Relational Model Tables:

ItemOrder(orderid (PK), itemid (FK), custid (FK), dateoforder, noofitems, shippeddate, shippingfee)

StoreItems(itemid (PK), price)

Comicbook(ISBN (PK), itemid (FK), title, publisheddate, Noofcopies)

Tshirt(itemid (FK), size)

Customers(custid (PK), custtype, name, address, phone)

GoldCustomer(custid (FK), datejoined)

I have 3 tables for the store items – StoreItems is for the table of all items and Comicbook and Tshirt are inherited from StoreItems containing detailed information for each item type. I have 2 tables for customers – Customers holds all customer rows and GoldCustomer is inherited from Customers and holds all the gold customer rows. There is an extra attribute in Customers that I have included – custtype – which labels a customer as a gold customer or regular. This is later used by queries to determine which customers are gold. I found it more efficient to conduct these queries with the added attribute.