

Zormene Kinanee
Homework 1
Database Normalization

UNNORMALIZED

Product Sales Report

Product Number
Description
Invoice
Invoice Date
Customer ID
Customer Name
Quantity
Price

Customer Invoice

Invoice Number
Invoice Data
Customer ID
Name and Address
Product Number
Product Description
Standard Price
Discount Code
Discount Price
Quantity
Price
Invoice Total

Customer Data Entry Screen

Customer ID
Sales Territory
Warehouse
Customer Name
Address
Discount Code
Credit Limit
Delivery Instructions

FIRST NORMAL FORM

Customer Detail

Customer ID
Customer Name
Address
Credit Limit
Warehouse
Sales Territory
Delivery Instructions

Order Detail

Invoice Number
Product Number
Product Description
Quantity
Price
Standard Price
Discount Price
Discount Code

Customer Invoice

Invoice Number
Invoice Date
Customer ID
Name and Address
Invoice Total

SECOND NORMAL FORM THIRD NORMAL FORM

| | |
|-------------------------|-------------------------|
| Customer Detail | Customer |
| Customer ID | Customer ID |
| Customer Name | Customer Name |
| Address | Credit Limit |
| Credit Limit | Product Detail |
| Warehouse | Product Number |
| Sales Territory | Product Description |
| Delivery Instructions | Quantity |
| Order Detail | Pricing |
| Invoice Number | Invoice Number |
| Product Number | Price |
| Quantity | Standard Price |
| Discount Code | Discount price |
| Product Detail | Discount Code |
| Prdouct Number | Delivery Details |
| Product Description | Customer ID |
| Product Number | Address |
| Standard Price | Sales Territory |
| Discount Price | Warehouse |
| Customer Invoice | Delivery Instructions |
| Invoice Number | Invoice Details |
| Invoice Date | Invoice Number |
| Customer ID | Invoice Date |
| Name and Address | Invoice Total |
| Invoice Total | Customer ID |