**Lab 09 Submission:**

**For the following User View, determine the UNF and the 1NF and hand in this page to your instructor.**

**Premiere Corporation Order Detail Report**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Order Number** | **Order Date** | **Cust number** | **Part Number** | **Part Desc** | **Number Ordered** | **Quoted Price** | **Total** |
| 12489 | 2016-09-02 | 124 | AX12 | Iron | 11 | 14.95 | 164.45 |
| 12491 | 2016-09-02 | 311 | BT04 | GasGrill | 1 | 149.99 | 149.99 |
|  |  |  | BZ66 | Washer | 2 | 399.99 | 799.98 |
| 12494 | 2016-09-04 | 315 | CB03 | Bike | 4 | 279.99 | 1,119.96 |
| 12495 | 2016-09-04 | 256 | CX11 | Blender | 2 | 22.95 | 45.90 |
| 12498 | 2016-09-05 | 522 | AZ52 | Dartboard | 2 | 12.95 | 25.90 |
|  |  |  | BA74 | Basketball | 4 | 24.95 | 99.80 |
| 12500 | 2016-09-05 | 124 | BT04 | GasGrill | 3 | 149.99 | 449.97 |
| 12504 | 2016-09-05 | 522 | CZ81 | Treadmill | 2 | 325.99 | 651.98 |

**UNF:**

CK = candidate key; these are two keys that TOGETHER serve as primary key.

OrderDetails: [CK orderNumber, custNumber (orderDate, orderNumber), numberOrdered (partNumber, partDesc, quotedPrice)]

ANSWER:

OrderDetails [OrderNum, custNum, partNum, orderDate, partDesc, quotePrice, numOrd]

**1NF:**

CustOrder: [custNumber, orderNumber, partNumber, orderDate, partDesc, numberOrdered, quotedPrice]

1. OrderDetail[CK orderNum, orderDate, FK custNum, FK partNum, numOrd]
2. Customer[CK custNum)
3. Parts[FK CK OrderNum, PartNum, partDesc, quotePrice]