**Name: Youngeun Hong Student No: 159100171**

**Lab 9 Submission:**

**1. For the following User View, determine the 1, 2 and 3NF and hand in this page to your instructor. The UNF relation has been provided.**

**Premiere Corporation**

**Order Detail Report**

**Order Order Cust Cust Part Part Qty Quoted**

**Number Date Number Last Number Desc Ordered Price**

**Name**

12489 2016-09-02 124 Adams AX12 Iron 11 14.95

12491 2016-09-02 311 Charles BT04 GasGrill 3 440.00

BZ66 Washer 1 399.99

CX11 MiniBlender 1 11.98

12494 2016-09-04 315 Daniels CB03 Bike 4 279.96

12495 2016-09-04 256 Samuels CX11 MiniBlender 2 23.96

12498 2016-09-05 522 Nelson AZ52 Dartboard 2 12.96

BA74 Basketbal 4 24.96

12500 2016-09-05 124 Adams BT04 GasGrill 1 149.99

12504 2016-09-05 522 Nelson CZ81 Treadmill 2 325.98

\*\*\*\*\*\* \*\*\*\*\*\*\*\* End of report \*\*\*\*\*\*\*\*

**UNF:**

Order [OrderNo, Orderdate, CustNo, CustLname, (PartNo, PartDesc,

QtyOrd, Price)]

**1NF:**

Order [ OrderNo, PartNo, Orderdate, CustNo, CustLname, PartDesc, QtyOrd, Price]

**2NF: (non key attribute가 둘 중 하나의 key atriibute에만 속할 때 나눠줌)**

Order [ OrderNo, Orderdate, CustNo, CustLname]

Part [ PartNo, PartDesc, QtyOrd, Price]

OrderPart [ OrderNo, PartNo]

**3NF: (non key attribute가 다른 non key attribute에 의존할 때 나눠줌)**

Order [ OrderNo, Orderdate, CustNo(FK)]

Part [ PartNo, PartDesc, QtyOrd, Price]

OrderPart[ OrderNo, PartNo]

Cust [ CustNo, CustLname]