CUSTOMER and SALE

* The complete relationship restrictions are that a CUSTOMER has a minimum and a maximum cardinality of 1 – a sale with a particular SaleID can be made to one and only one customer. A SALE has a minimum cardinality of 0 and a maximum cardinality of many – a customer can buy many items but does not have to buy any.

SALE and EMPLOYEE

* The complete relationship restrictions are that an EMPLOYEE has a minimum and a maximum cardinality of 1 – a sale with a particular SaleID can be made by one and only one employee. A SALE has a minimum cardinality of 0 and a maximum cardinality of many – an employee can make either not sales or many sales.

VENDOR and ITEM

* The complete relationship restrictions are that an ITEM has a minimum cardinality of zero and a maximum cardinality of many – a vendor can supply zero or many items. A VENDOR has a minimum cardinality of 1 and a maximum cardinality of many – A same item can be supplied by one or many vendors.

**ITEM and SALE\_ITEM**

* SALE\_ITEM has a minimum cardinality of 0 and a maximum cardinality of many – an item can be sold zero times or many times. An ITEM has a maximum and a minimum cardinality of 1 -

**SALE\_ITEM AND SALE**

* SALE\_ITEM has a minimum cardinality of 1 and a maximum cardinality of many – a sale. SALE has a minimum and a maximum cardinality of 1 –

ORDER\_ITEM and ITEM

* ORDER\_ITEM has a minimum cardinality of 0 and a maximum cardinality of many – An item can be ordered either zero times or many times. ITEM has a minimum and a maximum cardinality of 1. Assuming OrderID is unique, an order refers to one and only one items.

E.