

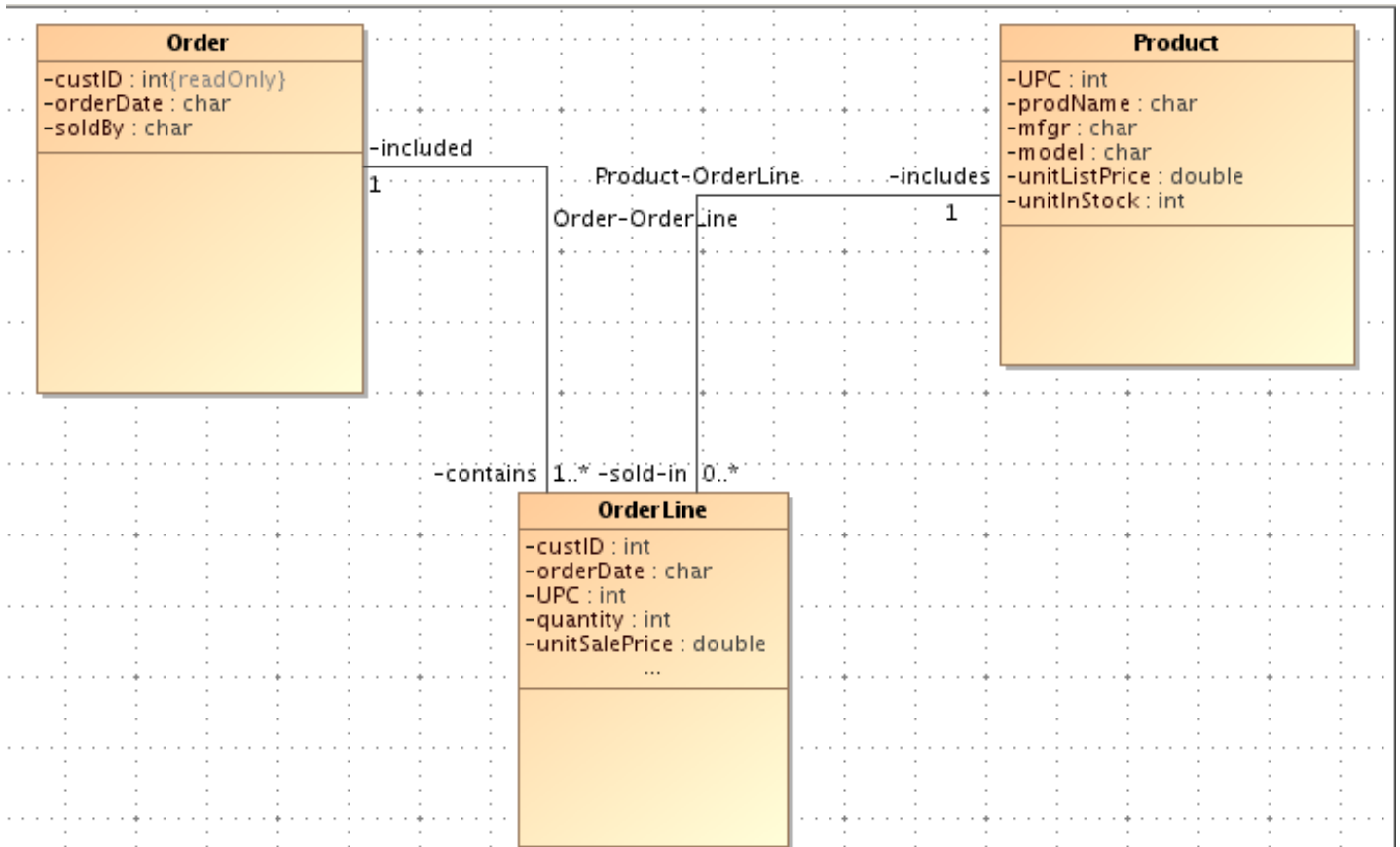
Lab 2

Xiaohui Chen

CS ID: xc2388

EID: xc2388

Logical Model:



Code:

--@(#) script.ddl

```
CREATE SCHEMA PhysicalCustomerOrder.CustomerOrder;
```

```
CREATE TABLE PhysicalCustomerOrder.CustomerOrder.Order
```

```
(
    custID int,
    orderDate char,
    soldBy char,
    PRIMARY KEY(custID)
);
```

```
CREATE TABLE PhysicalCustomerOrder.CustomerOrder.Product
```

```
(  
    UPC int,  
    prodName char,  
    mfgr char,  
    model char,  
    unitListPrice double precision,  
    unitInStock int,  
    PRIMARY KEY(UPC)  
);
```

```
CREATE TABLE PhysicalCustomerOrder.CustomerOrder.OrderLine
```

```
(  
    custID int,  
    orderDate char,  
    UPC int,  
    quantity int,  
    unitSalePrice double precision,  
    fk_UPC_Product integer NOT NULL,  
    fk_custID_Order integer NOT NULL,  
    PRIMARY KEY(custID, UPC),  
    FOREIGN KEY(fk_UPC_Product) REFERENCES PhysicalCustomerOrder.CustomerOrder.Product (UPC),  
    FOREIGN KEY(fk_custID_Order) REFERENCES PhysicalCustomerOrder.CustomerOrder.Order (custID)  
);
```