**Customer**

| Cust # | Cname | City |
|--------|-------|------|

**Order**

| Order # | Odate | OCust # | Ord-amt |
|---------|-------|---------|---------|

**Order_Item**

| IOrder# | OItem# | Qty |
|---------|--------|-----|

**Item**

| Item# | Unit_price |
|-------|------------|

**Shipment**

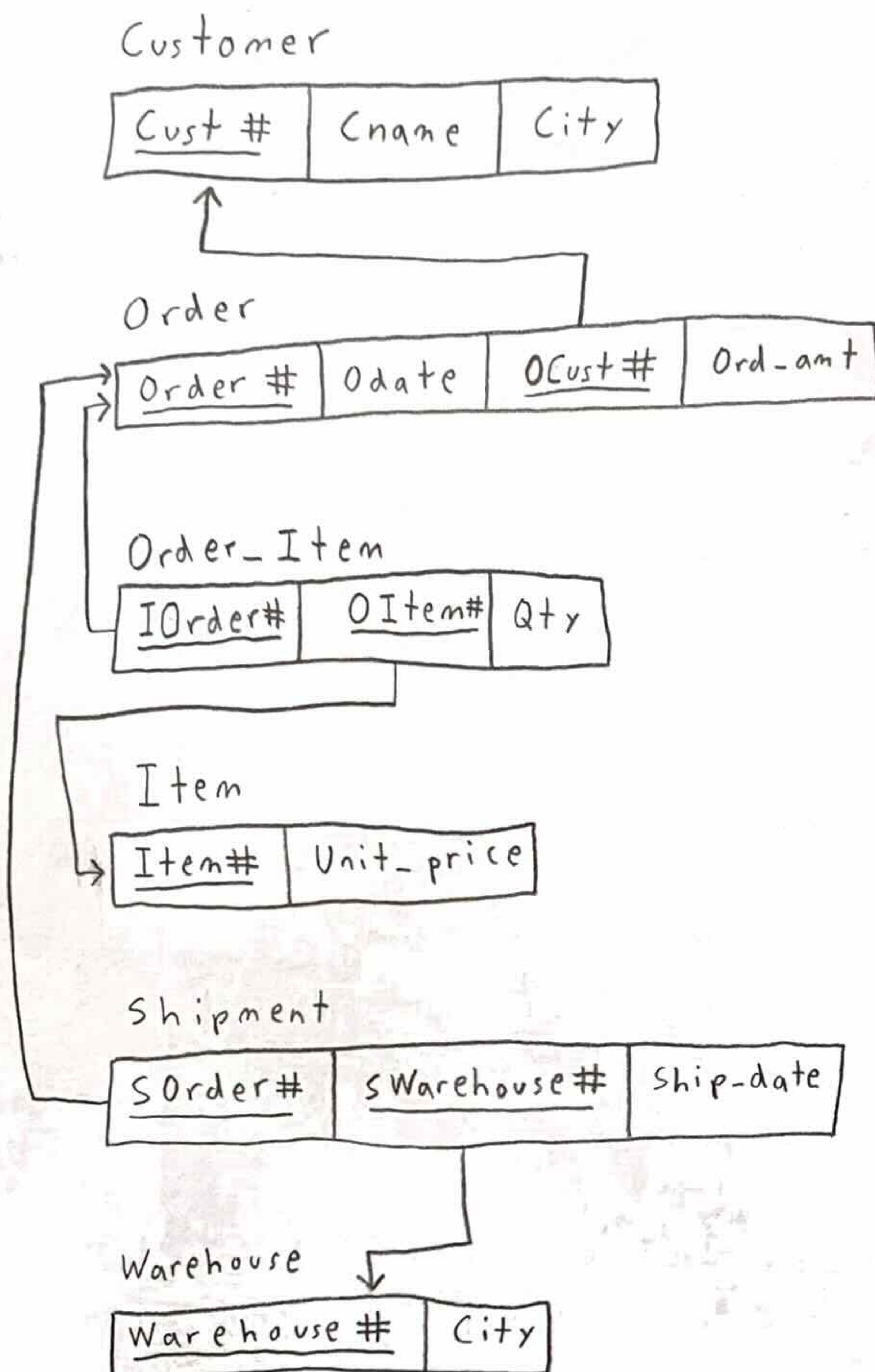| SOrder# | SWarehouse# | Ship-date |
|---------|-------------|-----------|

**Warehouse**

| Warehouse # | City |
|-------------|------|

primary keys:
- Cust #
- Item #
- Warehouse #

Foreign keys:
- Order#

My assumption is that an order cannot be made without a customer.

**PERSON**

| SSN | Fname | Minit | Lname | Bdate | Sex | No | Street | Apt_no | City | State | Zip |
|-----|-------|-------|-------|-------|-----|-----|--------|--------|------|-------|-----|

**FACULTY**

| FSSN | Rank | Foffice | Fphone | Salary | Instruct_Research_ID |
|------|------|---------|--------|--------|----------------------|

**STUDENT**

| StSSN | Class | Dname |
|-------|-------|-------|

**GRAD_STUDENT**

| GSTSSN | FSSN | Instruct_Research_ID |
|--------|------|----------------------|

**GRAD_STUDENT_DEGRES**

| GSTSSN | College | Degree | Year |
|--------|---------|--------|------|

**COMMITTEE**

| FSSN | GSTSSN |
|------|--------|

**GRANT**

| No | Title | Agency | St_date | FSSN |
|----|-------|--------|---------|------|

**TRANSCRIPT**

| STSSN | Sec# |
|-------|------|

**INSTRUCTOR_RESEARCHER**

| Instruct_Research_ID |
|----------------------|

**SUPPORT**

| No | Instruct_Research_ID |
|----|----------------------|

**DEPARTMENT**

| Dname | Dphone | Office | Chair FSSN | Cname |
|-------|--------|--------|------------|-------|

**COLLEGE**

| Cname | Dean | Coffice |
|-------|------|---------|

**COURSE**

| C# | Cname | Cdesc | Dname |
|----|-------|-------|-------|

**SECTION**

| Sec# | Year | Qtr | C# | Instruct_Research_ID |
|------|------|-----|----|-----------------------|

**REGISTERED**

| STSSN | CSec# |
|-------|-------|

**CURRENT_SECTION**

| CSec# |
|-------|

**BELONGS**

| FSSN | Dname |
|------|-------|

Book_id

title

Author_name

**Book**

N — Published by — 1 — **Publisher**

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