GV Andy Fang

Company (**comp\_id**, address, zip\_code, industry\_group, sub\_industry)

Customer (**comp\_id**, address, zip\_code, industry\_group, sub\_industry, contact\_person, contact\_email)

Supplier (**comp\_id**, address, zip\_code, industry\_group, sub\_industry, website, contact\_email)

/\*{Method 2 was used to reduce Company, Customer, Supplier}\*/

Person (**per\_id**, name, address, zip\_code, email, gender, phone)

Skill (**sk\_code**, level, title, description)

Position (**pos\_code**, title, description, pay\_range\_high, pay\_range\_low)

Job (**job\_code**, emp\_code, required skill, pay\_rate, pay\_type, cate\_code, company, per\_id, fac\_id, pos\_code)

Contract (**contract\_id**, cus\_id, date, sale\_amount, pay\_schedule, comp\_id)

Factory (**fac\_id**, fac\_name, address, zip\_code, phone, manager)

Purchase (**purchase\_num**, sup\_id, sup\_order\_num, book\_date, pay\_date, note)

Material (**m\_code**, m\_name, unit, min\_level)

Product (**p\_code**, p\_name, description, quantity, unit, avg\_cost)

PurchaseLine (**purchase\_num**, m\_code, quantity)

Uses (**m\_code**, **p\_code**)

Makes (**fac\_id**, **p\_code**, quantity)

Requires (**pos\_code**, **sk\_code**)

Has\_Skill (**sk\_code**, **per\_id**)

Addi\_requires (**job\_code**, **sk\_code**)

LineItem (**contract\_id**, **p\_code**, quantity)