Business(Name, street, city, state, zip)
Manufacturer(Name [fk2], catalog_capacity)
fk2: Name -> Business.Name
Hospital(Name [fk3], max_doctors, budget)
fk3: Name -> Business.Name
Transaction(T-id, date, Hospital[fk9])
fk9: hospital -> Hospital.Name
Administrator(Username, email, password, fname, lname, manages[fk8])
fk8: manages -> business.Name
Doctor(Username, email, password, fname, lname, hospital[fk6], Direct_Report-Username [fk16])
fk6: hospital -> Hospital.Name, fk16: Direct_Report -> Doctor.Username
Usage Log(UL-id, timestamp, used_by [fk5])
fk5: used by -> Doctor.Username
Product(P-id, type, color)
Catalog_Item(P-id [fk4], price, offered_by[fk7])
fk4: P-id -> Product.P-id, fk7: offered_by -> Manufacturer.Name
Inventory(Name [fk1], street, city, state, zip)
fk1: Name -> Business.Name
Has(P-id [fk10], Name [fk11], count)
fk10: P-id -> Product.P-id, fk11: Name -> Inventory.Name
Used(P-id [fk12], UL-id [fk13], count)
fk12: P-id -> Product.P-id, fk13: UL-id -> usage_log.UL-id
Cat_Contains(t-id [fk14], P-id [fk15], count)
fk14: t-id -> Transaction.t-id, fk15: P-id -> Catalog_item.P-id