point\_of\_retail(address,name)

ivm(serial number, manuf)

installed\_at(serial number, manuf, address, nr)

* serial number, manuf: FK(ivm)
* address: FK(point\_of\_retail)

retailer(TIN,name)

* UNIQUE(name)

shelve(serial number, manuf, nr, height)

* serial number, manuf: FK(ivm)

ambient\_temp\_shelf(serial number, manuf, nr, height)

* serial\_number, manuf, nr: FK(shelve)

warm\_shelf(serial number, manuf, nr, height)

* serial\_number, manuf, nr: FK(shelve)

cold\_shelf(serial number, manuf, nr, height)

* serial\_number, manuf, nr: FK(shelve)

product(ean,descr)

planogram(ean,serial number, manuf,nr, faces,units,loc)

* ean: FK(product)
* serial\_number, manuf, nr: FK(shelve)

category(name)

FALTAM AS RESTRIÇÕES

simple\_category(name)

* name: FK(category.name)

super\_category(name)

* name: FK(category.name)

has\_other(super\_category\_name, sub\_category\_name) -> perguntar se vai buscar as FKs a category ou a super\_category

* super\_category\_name: FK(category)
* sub\_category\_name: FK(category)

has(ean,name, descr) (precisa de restrição de integridade)

* ean: FK(product)
* name: FK(category)

displayed(name, nr, serial\_number, manuf, height)

* serial\_number, manuf: FK(ivm)
* serial\_number, manuf, nr: FK(shelve) -> perguntar se aqui é FK
* name: FK(category)

responsible\_for(serial\_number, manuf, name, TIN)

* serial\_number, manuf: FK(ivm)
* name: FK(category)
* TIN: FK(retailer)

replenishment\_event(instant, nr, ean, serial\_number, manuf, units, faces, units, loc)

* serial\_number, manuf, nr, ean: FK(planogram.nr, planogram.ean, planogram.serial\_number, planogram.manuf)

replenisher\_of(instant, nr, ean, TIN, name, units, faces, loc)

* instant: FK(replenishment\_event)
* TIN: FK(retailer)
* ean, nr: FK(planogram)