INGLES OU PORTUGUES?!

Supplier(nif, name)

\*maybe add type to supplier so there won’t be a need for primary and secondary supplier

\* A Primary supplier to a certain product can’t also be a secondary supplier for the same product

\* each product must have exactly 1 primary supplier and one or more secondary

\*to force product to have exactly 1 primary supplier we can add it to the product’s side

Primarily Supplies (ean, nif, date)

ean: FK(Product)

nif: FK(Supplier)

Secondarily Supplies (ean, nif)

ean: FK(Product)

nif: FK(Supplier)

Category(name)

\*must be Simple OR Super

\* add a type maybe? ?????

Categories Relation ( name\_super, name\_child)

name\_super: FK Category (name) \*\*WARNIG not sure if this is the proper notation!!

name\_child: FK Category (name)

\*name\_super must be type Super

\*super category cannot create a cycle ( cannot be it’s own super category?)

Product( ean, design, catergory\_name,)

category\_name: FK Category (name)

\*category name forces product to only have 1 category

Shelf( side, height, aisle\_number)

aisle\_number: FK Aisle (number)

\*a shelf can only belong to 1 aisle

Aisle ( number, length)

Planogram ( aisle\_number, shelf\_height, shelf\_side, product\_ean)

aisle\_numer: FK Aisle (number)

shelf\_height: FK Shelf (height)

shelf\_side: FK Shelf (side)

ean: FK (Product)

Reposition\_Event ( operator, instant)

Reposition( operator, instant, units, ean, aisle\_number, shelf\_height, shelf\_side)

operator: FK (Reposition\_Event)

instant: FK (Reposition\_Event)

ean: FK ( Product)

aisle\_number: FK Aisle (number)

shelf\_height: FK Shelf ( height)

shelf\_side: FK Shelf (side)