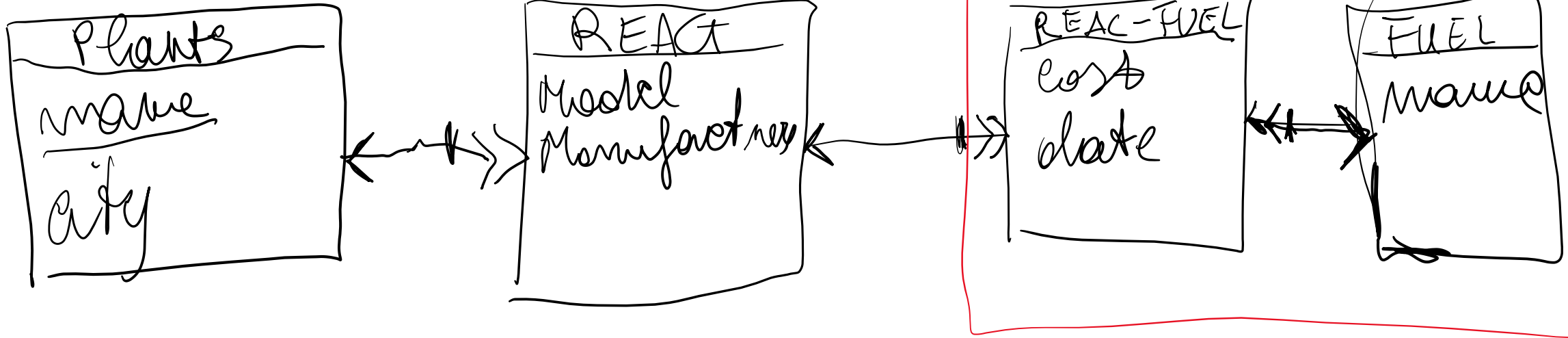
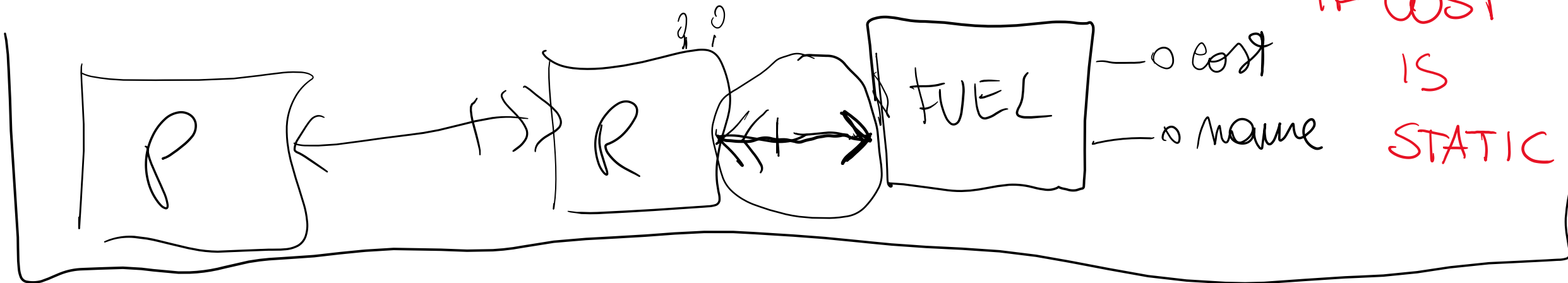


electric company: conceptual modelling

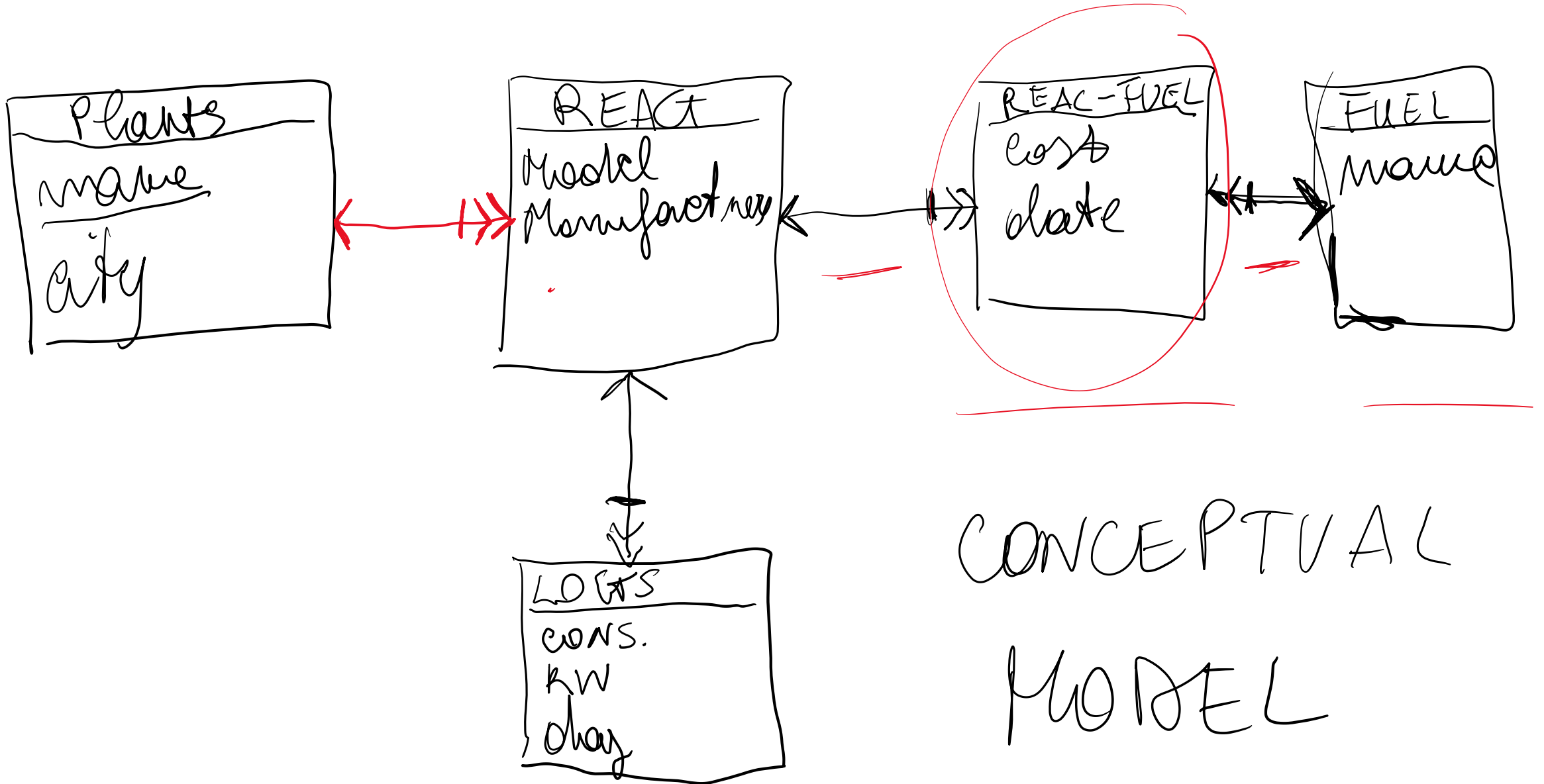


IF COST IS DYNAMIC



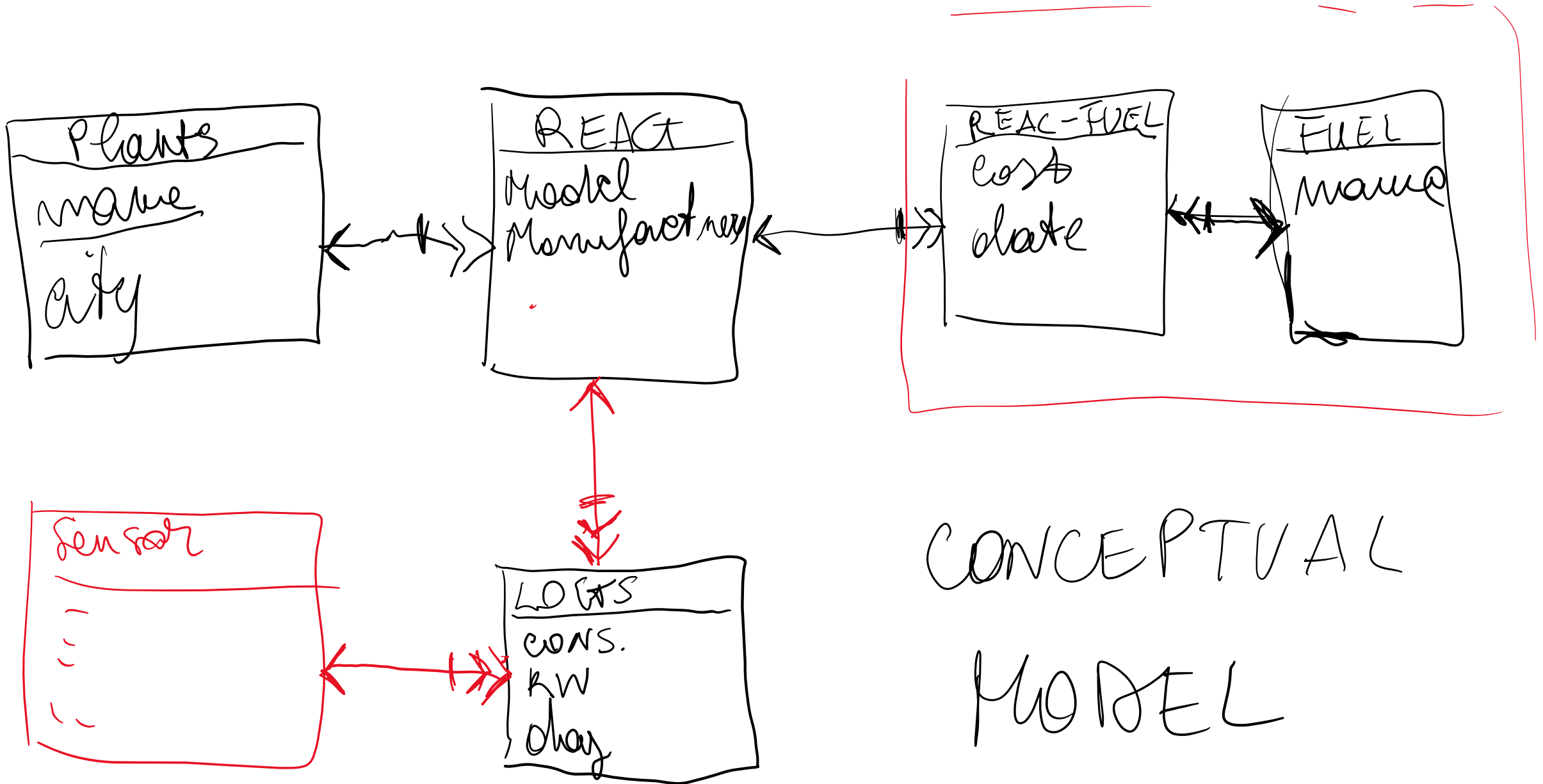
IF COST IS STATIC

electric company: conceptual modelling with dynamic fuel cost



CONCEPTUAL
MODEL

electric company: conceptual modelling with dynamic fuel cost **and sensors**



Machine with sensors:

S1 temperature
S2 consumption

sends data

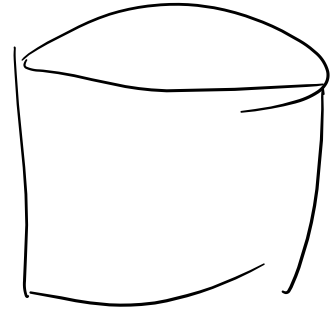
sends data

Program

elaborate temperature
elaborate consumption

INSERT
temp
SQL

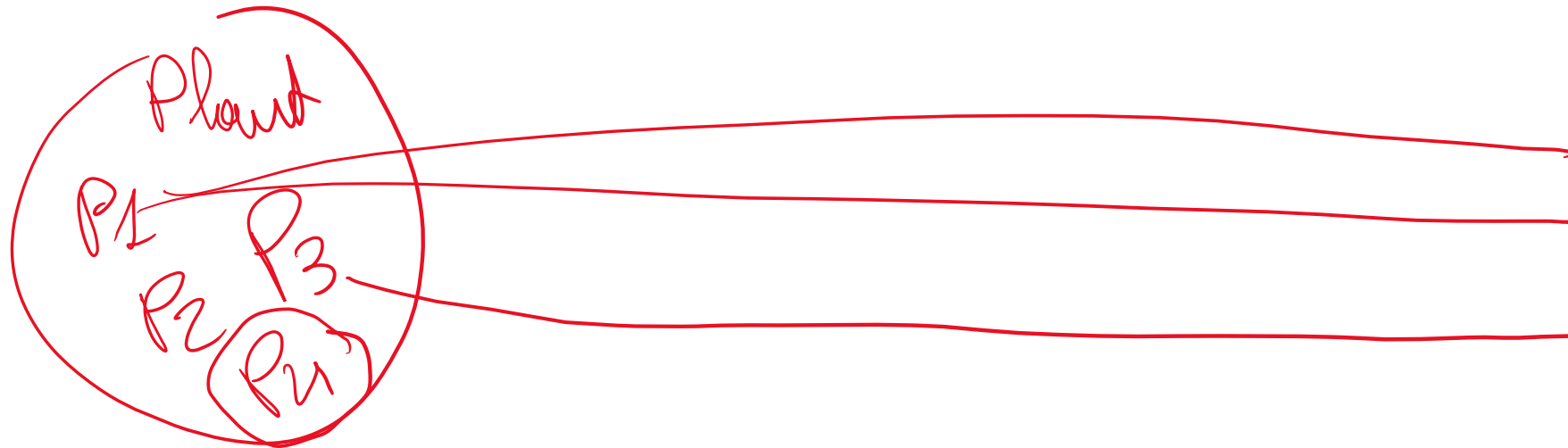
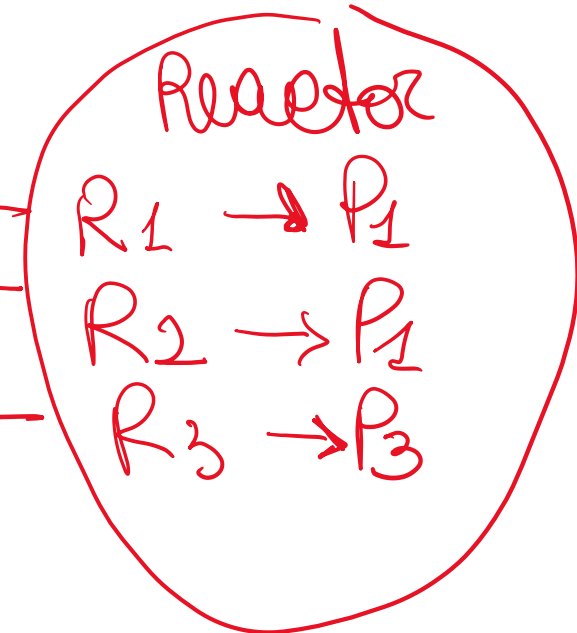
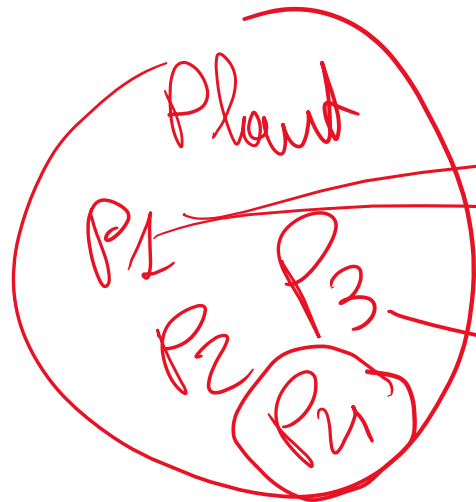
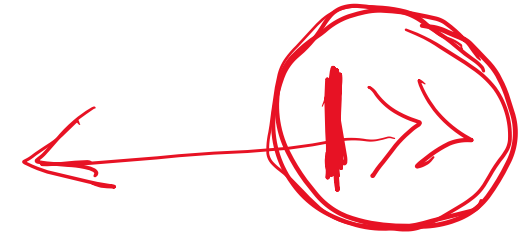
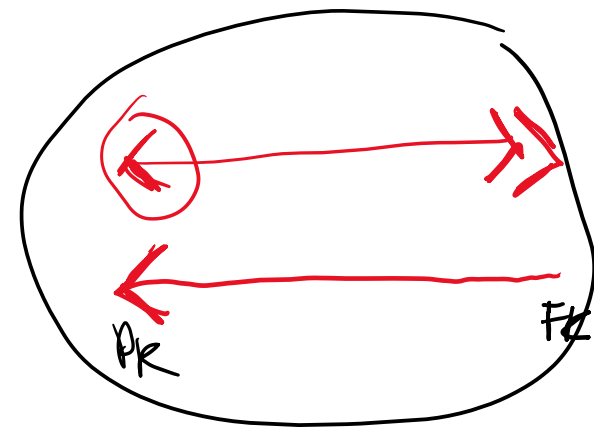
INSERT
TEMP



Logical Model: with dynamic

PLANTS	
NAME VC(30)	NW
IDP <u>INTEGER</u>	PK
CITY VC(30)	NN
UNIQUE(NAME)	

Reactors	
model VC(20)	NN
IDR <u>integer</u>	PK
MANUF. VC(30)	NN
<u>PLANT</u> INTEGER	NW FK



Logical Model

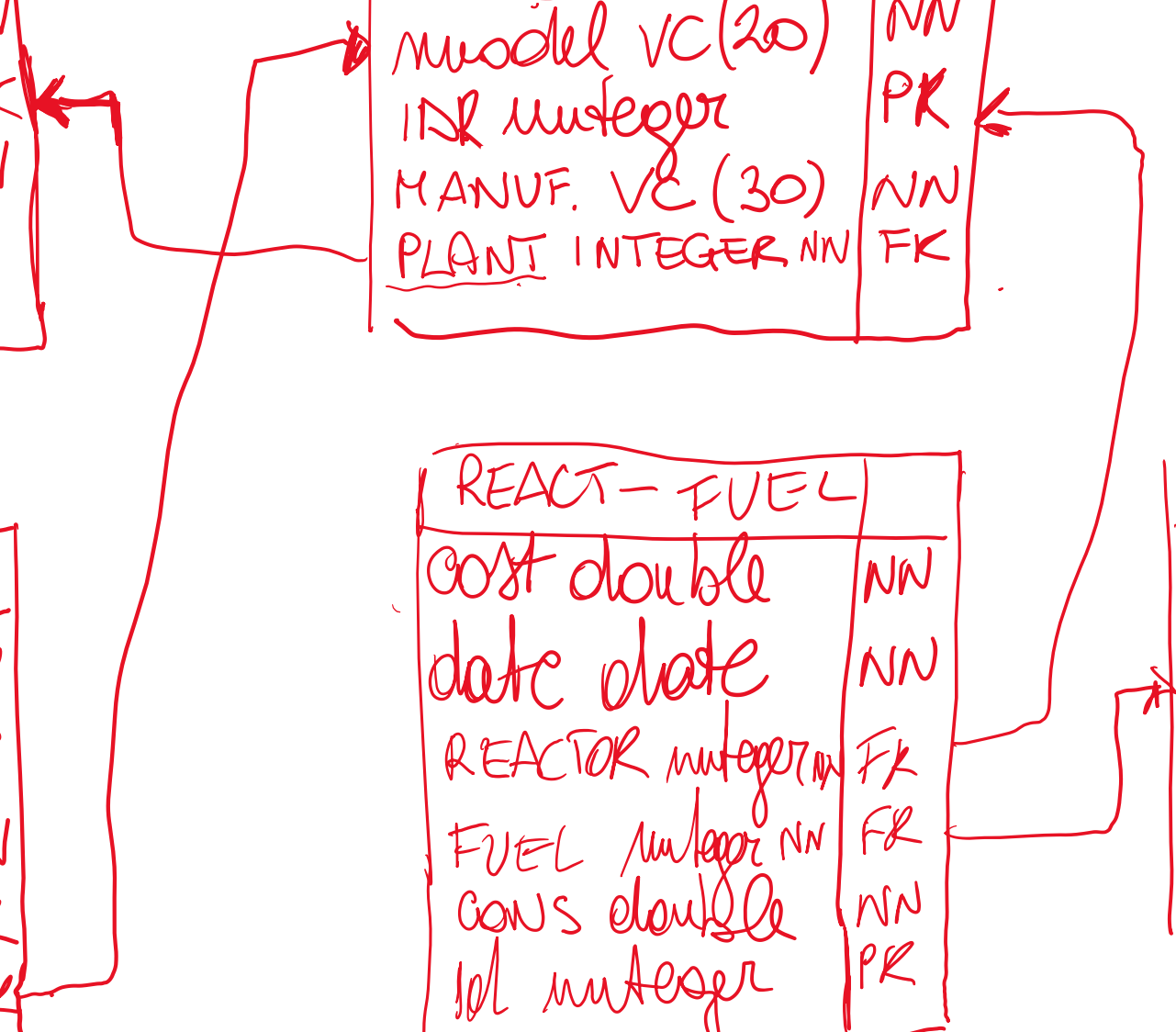
PLANTS	
NAME VC(30)	NW
IDP <u>INTEGER</u>	PK
CITY VC(30)	NN
UNIQUE(NAME)	

Reactors	
model VC(20)	NN
IDR <u>integer</u>	PK
MANUF. VC(30)	NN
<u>PLANT</u> INTEGER	NN FK

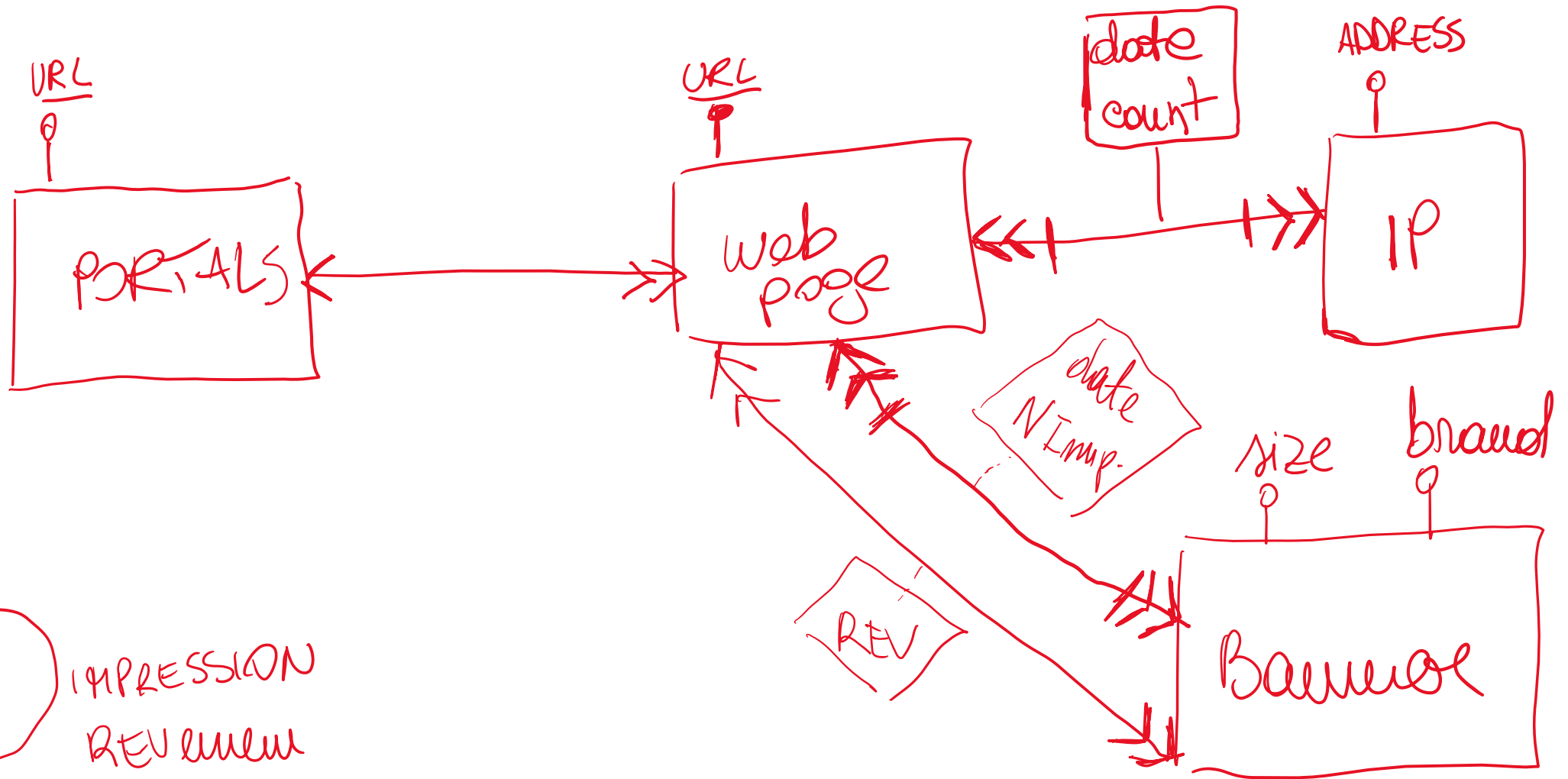
LOGS	
KW DOUBLE	NN
CONS DOUBLE	NN
day date	NN
<u>IN_log</u> integer	PK
REACTOR integer	NN FK

REACT-FUEL	
cost double	NN
date date	NN
REACTOR integer	NN FK
FUEL integer	NN FK
CONS double	NN
<u>id</u> integer	PK

FUEL	
NAME VC(20)	NN
<u>IS_F</u> integer	PK



ISP: conceptual model



classes:

PORTALS

WEB PAGES

IP

Banners

IMPRESSION

REVENUE