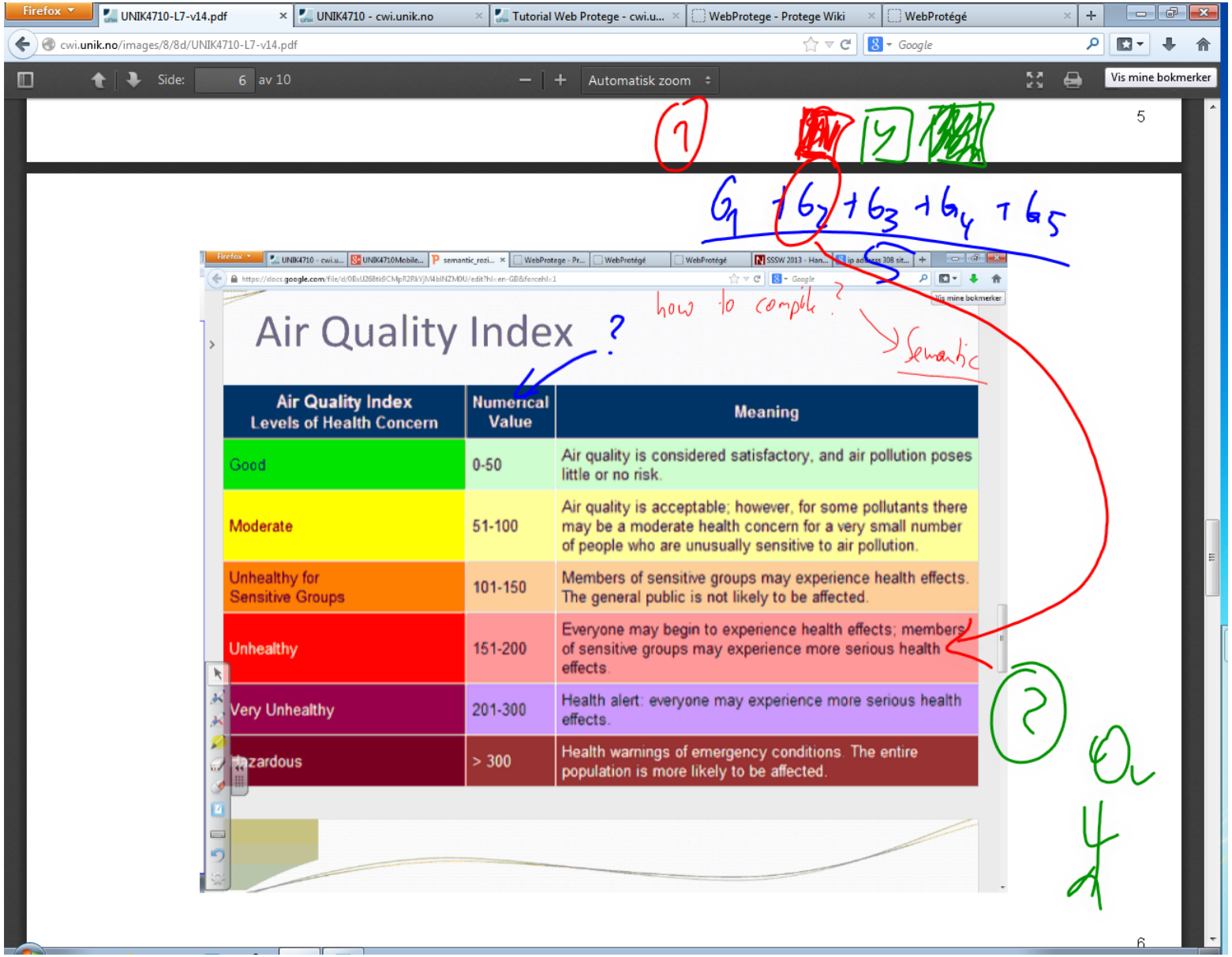
Web Protégé — Protégé (Desktop)

+ quick start
+ fast "first ontology"
+ good overview over existing ontologies

+ visualisation
+ SPQRL
+ complete package
+ Reasoning: Rules


Firefox
UNIK4710-L7-v14.pdf
UNIK4710 - cwi.unik.no
Tutorial Web Protege - cwi.u...
WebProtege - Protege Wiki
WebProtégé
cwi.unik.no/images/8/8d/UNIK4710-L7-v14.pdf
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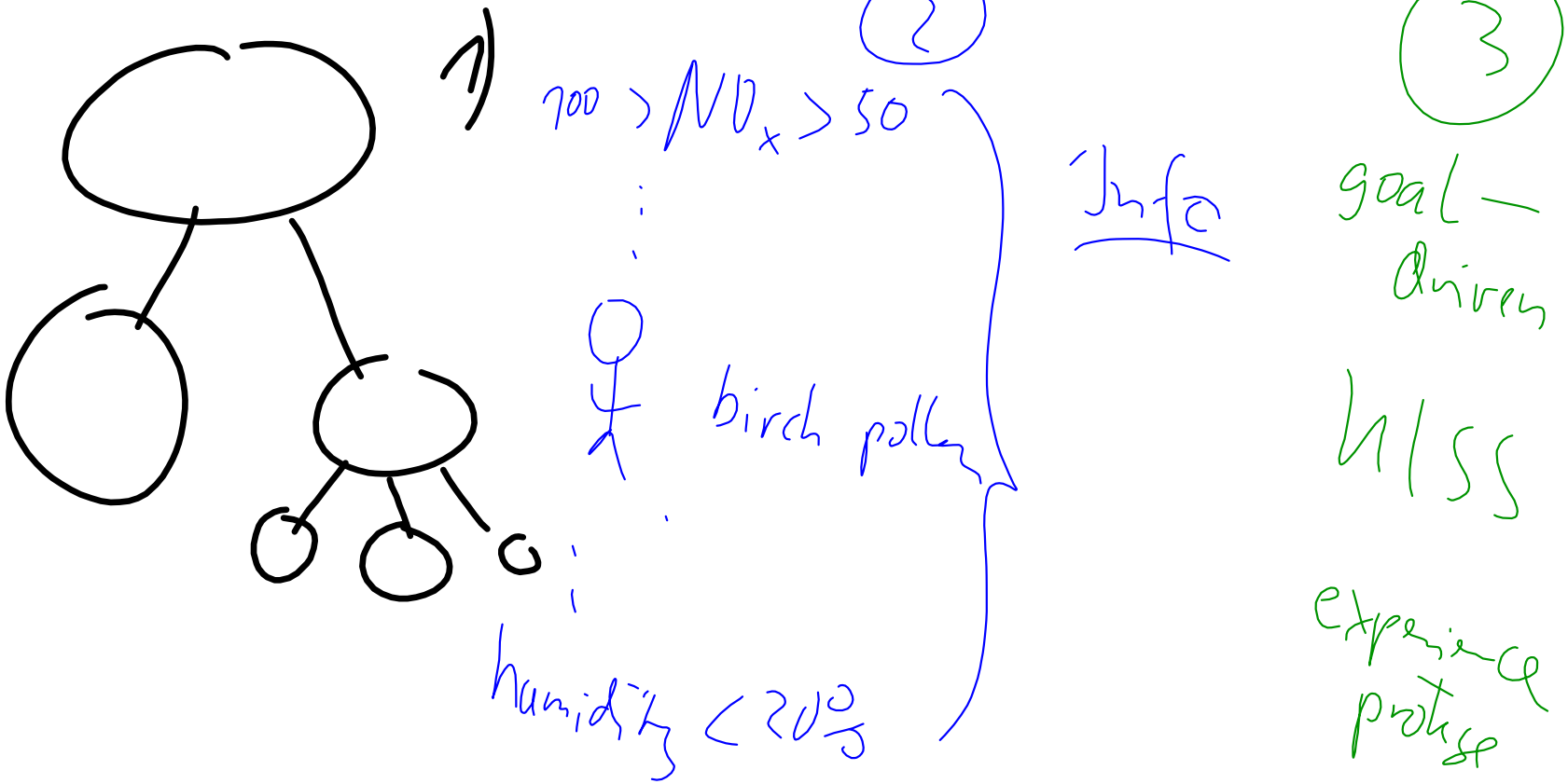
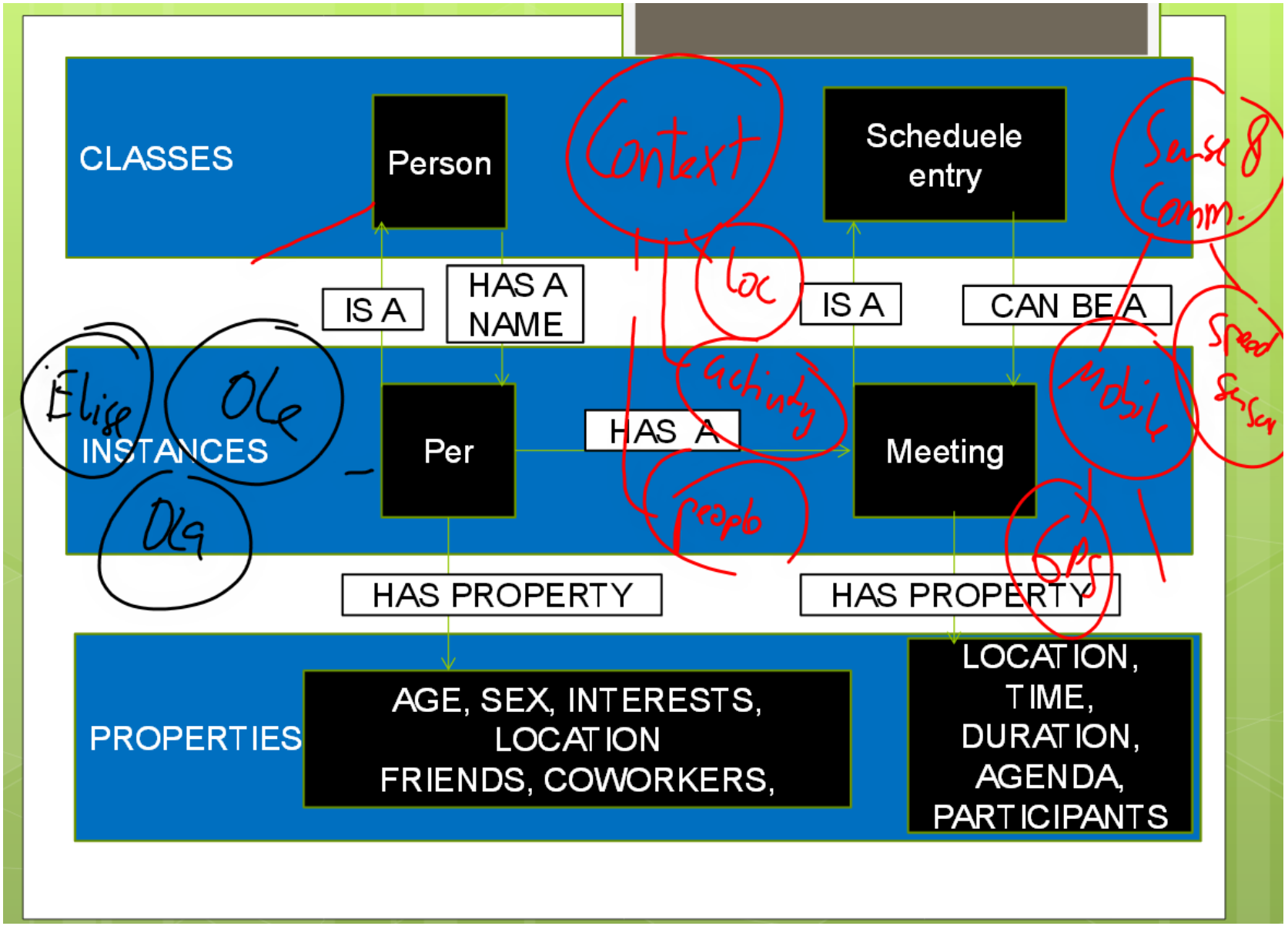
5
Air Quality Index ?
how to compute ?
Semantic
Air Quality Index Levels of Health Concern
Numerical Value
Meaning
Good
0-50
Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate
51-100
Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups
101-150
Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy
151-200
Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy
201-300
Health alert: everyone may experience more serious health effects.
Hazardous
> 300
Health warnings of emergency conditions. The entire population is more likely to be affected.
6

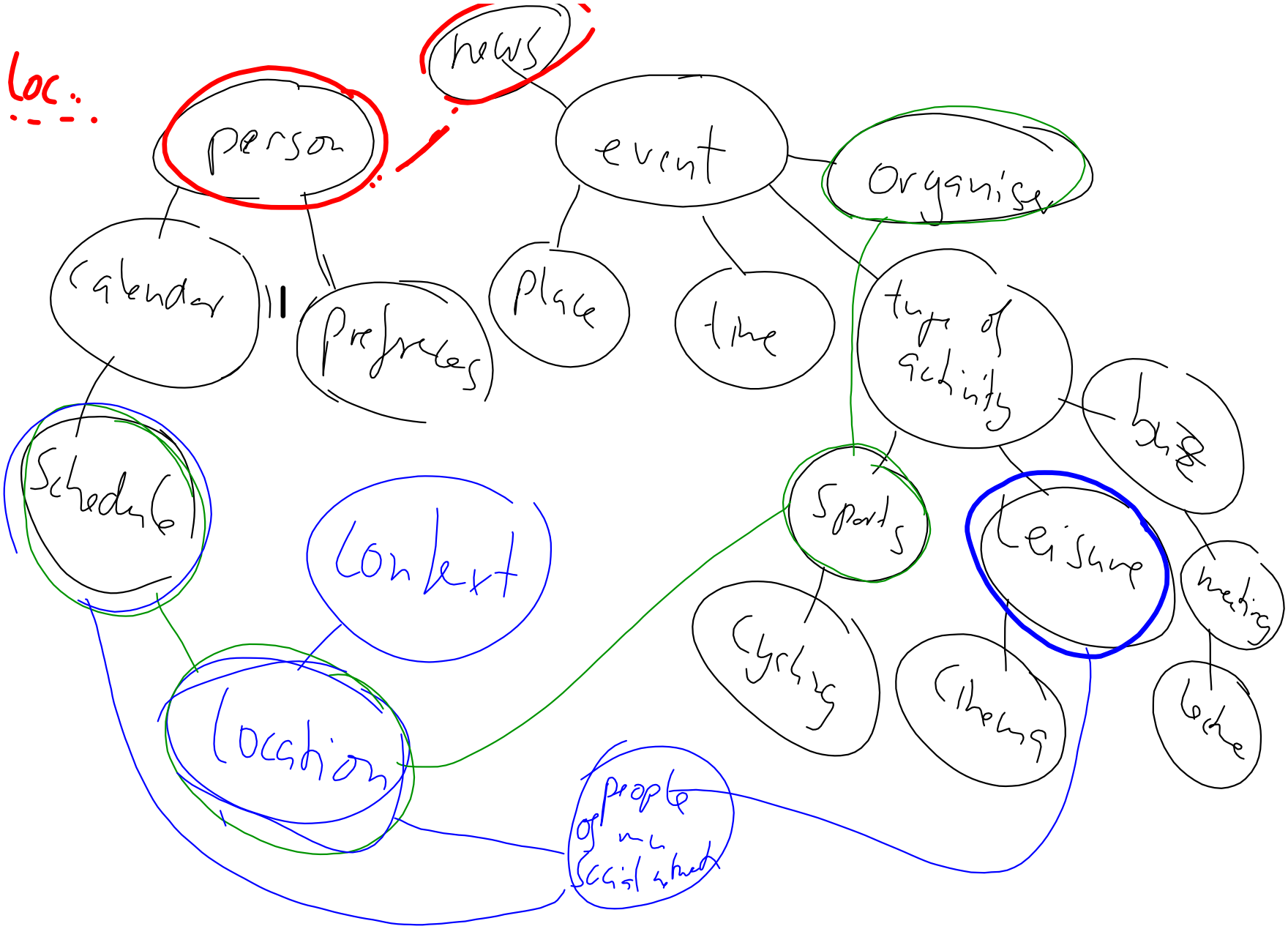

2
700 > NO$_x$ > 50
birch pollen
humidity < 20%
Info
3
goal-driven
ML
experience
practice

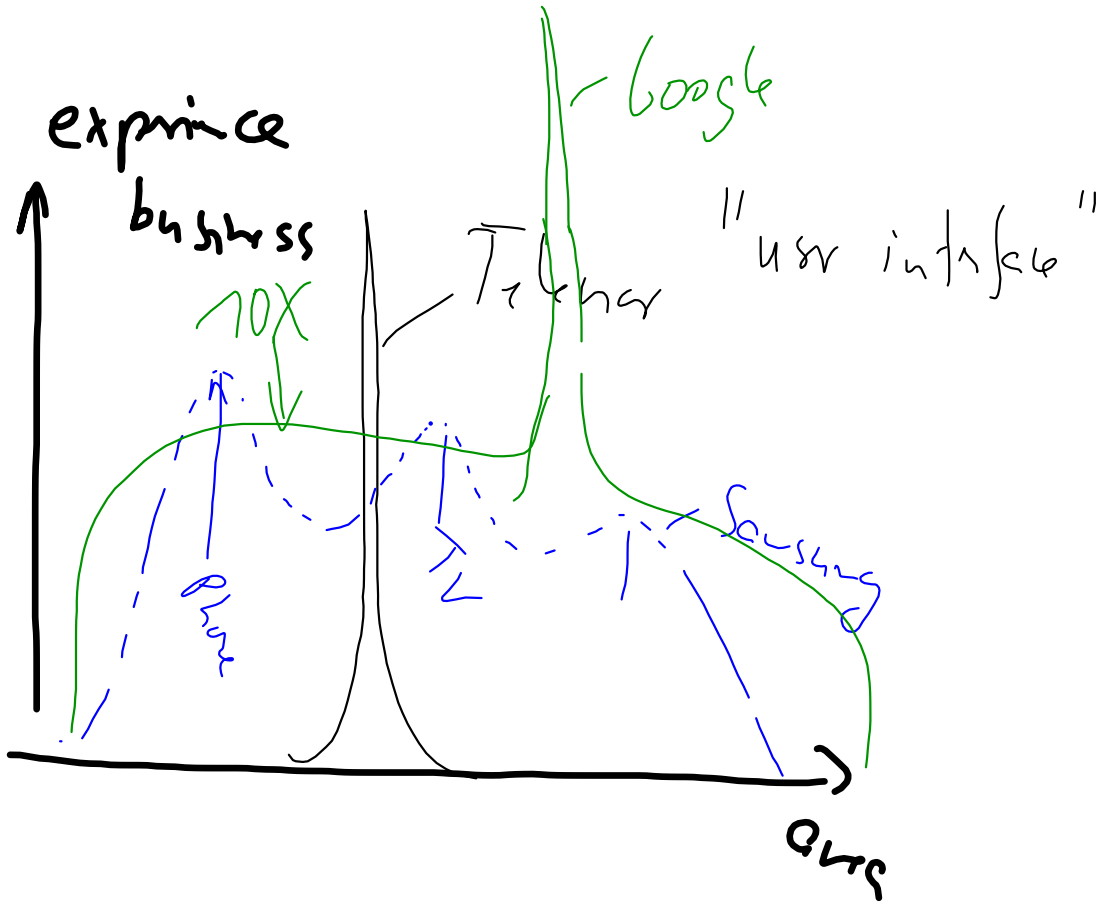

CLASSES
Person
Scheduele entry
IS A
HAS A NAME
IS A
CAN BE A
INSTANCES
Per
HAS A
Meeting
HAS PROPERTY
HAS PROPERTY
PROPERTIES
AGE, SEX, INTERESTS, LOCATION FRIENDS, COWORKERS,
LOCATION, TIME, DURATION, AGENDA, PARTICIPANTS

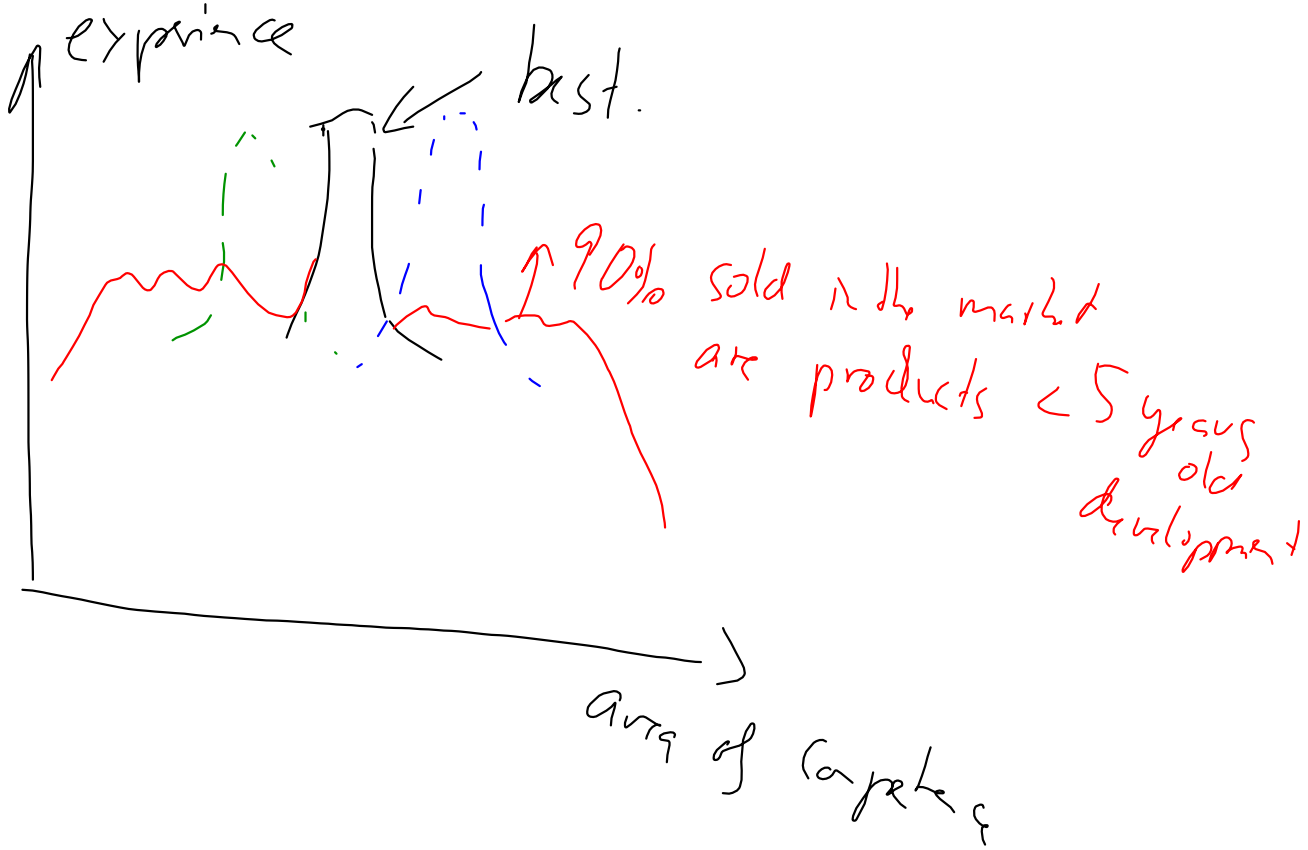
The technical solution/rules

- Simple APP
- GPS
- Calendar
- Contacts
- Endless posibilities.

```
If(CurLocation != MeetingLocation){
calculateETA(speed, distance);
new sms(AllMeetingParticipants, ETA);
}
```


loc.
news
person
event
organiser
calendar
prefrences
place
time
type of activity
buz
schedule
context
sports
leisure
meeting
cycling
cinema
lecture
location
people of mu social network


experience
business
area
Google
Telenor
"user interface"
10X
Phone
Samsung


experience
best.
90% sold in the market
are products < 5 years
old
development
area of competence

1) implementation of classes

2) "high level rules"

3) apply rules — OWL 4.3
                \ "new mb standard"

- 4) common context model