

Challenge: (2) clustering of people
 - assign groups to people
 - phone learning

⇒ recommend

① group - activity ①
 - place ② - public ③
 - "being together" ②
 - # people ②

Privacy & semantic identity

& context- and content-aware

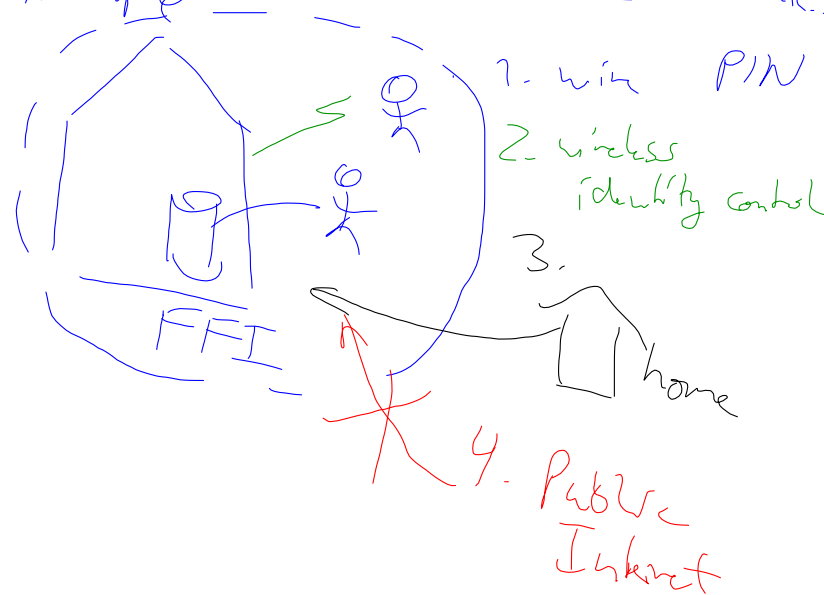
Semantic access control

RBAC role based

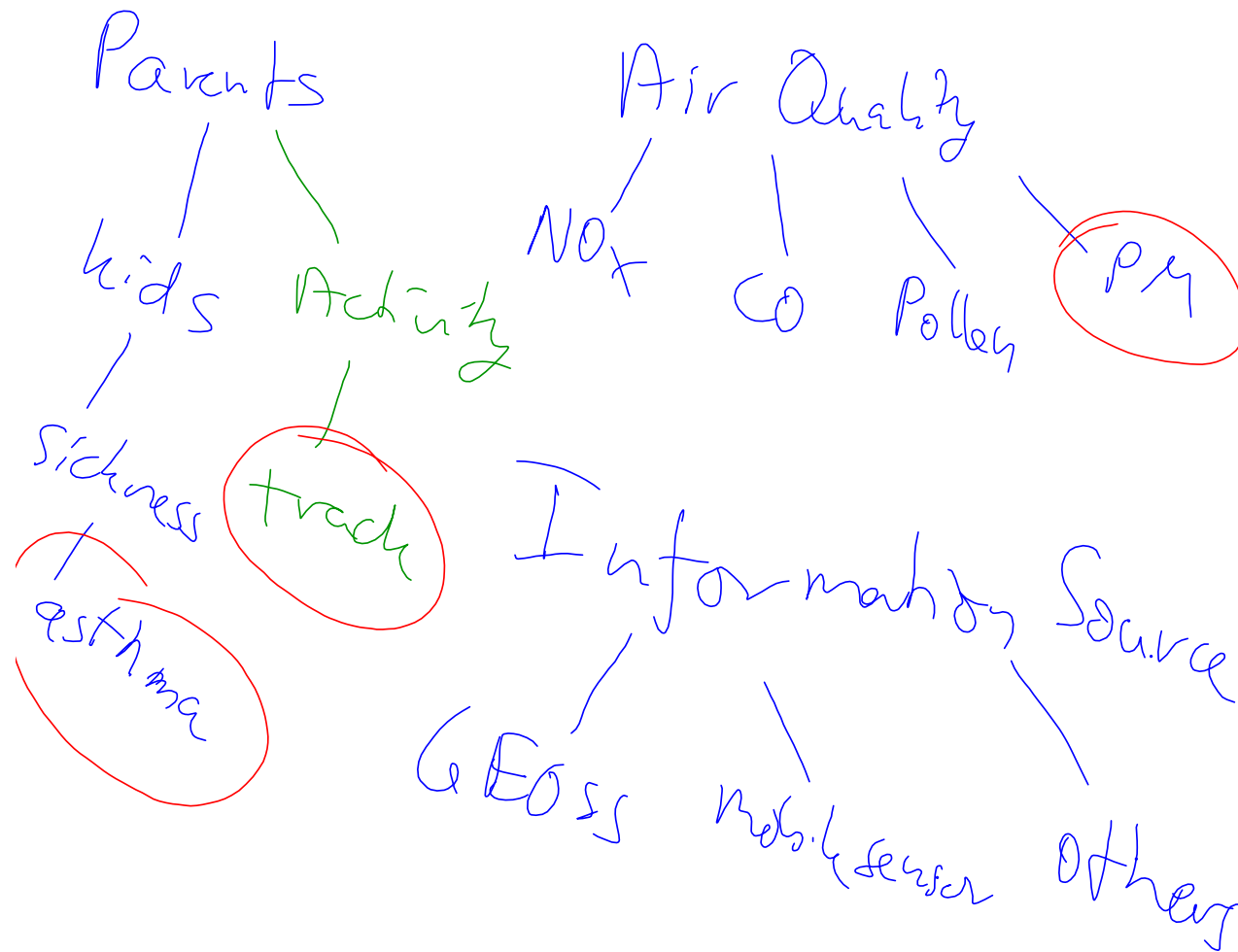
ABAC attribute

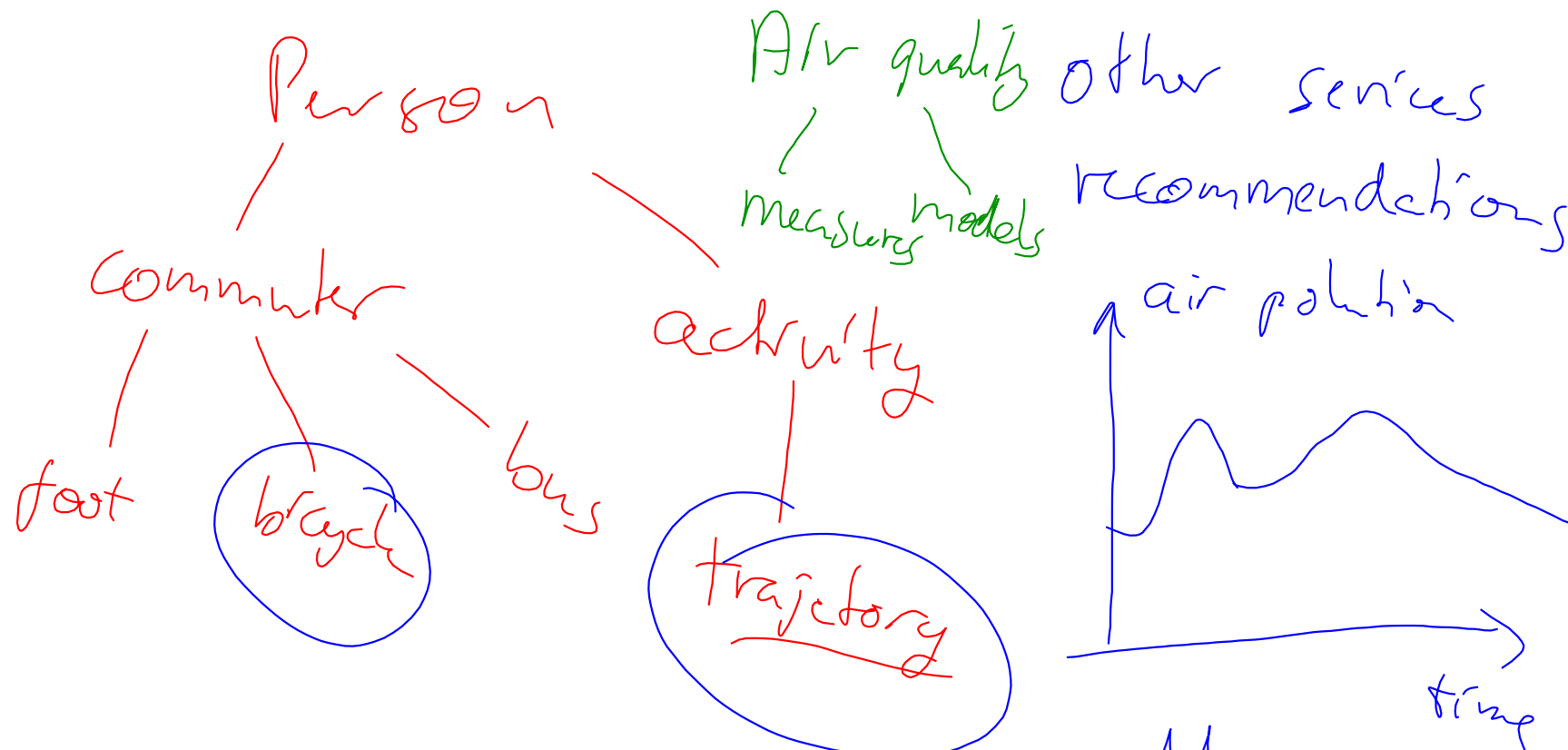
SABAC semantic attribute

Example



Air Quality recommender

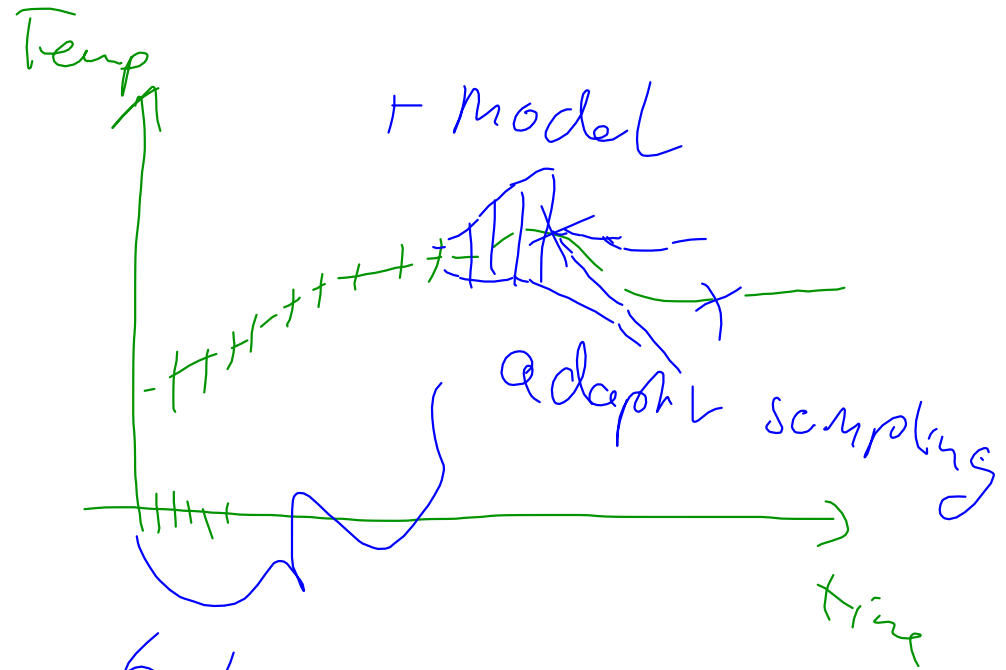
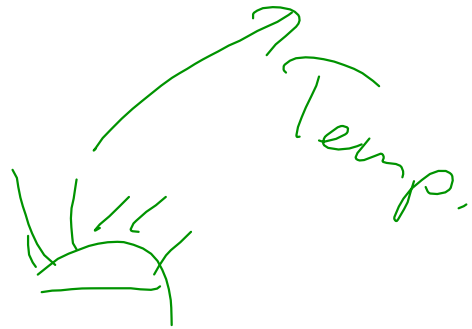




Large scale integration

Semantic queries

Sensor Information



battery power
congested network