The solution of protecting campus

chapter1: If someone want to intrude campus.

image or voice of stranger

security people

Robot

middleware
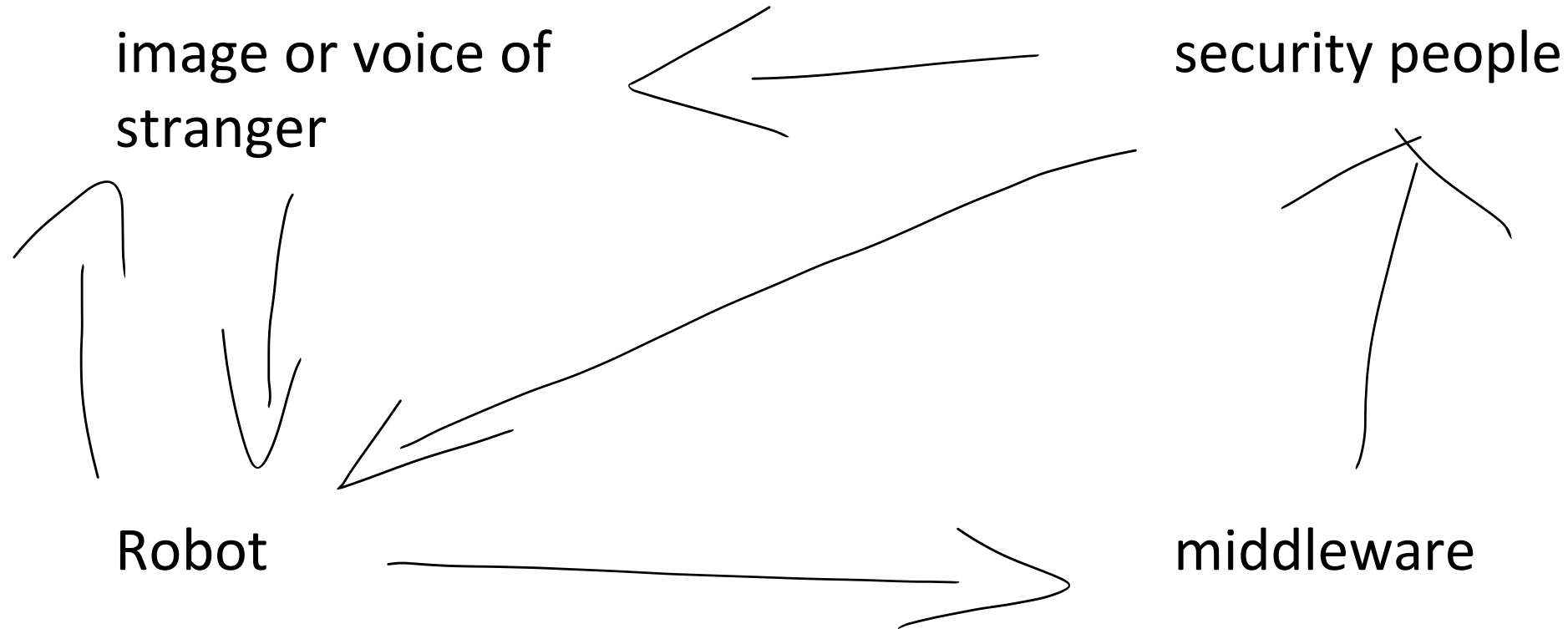
It involves relational database and noSQL databse

Relational database: e.g. to storage the information of staff and students

noSQL: sensor, logs or other complex data

decision tree for chosen scenario

Data structure:table   relational database
                  graph   noSQL database

Normalisation   relational database : easier to use, higher security

Storage requirements: include structured, semi-structured, unstructured data,
e.g. image or information table

Scalability: sometimes have some requirement to optimise the robot, e.g.
processing the terrain model(horizontal scaling noSQL)