

# Counsler Meeting d. 11/12 2013

---

## Report:

- You need to read proof it.
- You need to connect it more clearly to your subject, internet of things.
- It's fine that you have described the system, but you need to highlight that this prototype is part of internet of things.
- In the intro you should maybe describe the relation to internet of things, as the background of the project.
- Talk about the relevance to internet of things in the conclusion and in future work.
- Problem Statement
  - o Give a general description
  - o Highlight the technical challenges in order to solve the problem
  - o Highlight the technical challenges you have to face for the problem
  - o You could try to first describe the problem in a few phrases and then describe the technical challenges in bulletpoints underneath.
- System overview picture
  - o Make it bigger, the text is hard to read
  - o Where does the Arduino fit in here? Make it more clear.
  - o Use two different symbols for different roles.
- Rules
  - o You need a better organization of
  - o Grammar Definition, like from Compiler Theory
    - Formulas
    - Equations
  - o It's a bit confusing that you have both rules and permissions, since they can be used for exactly the same thing.
    - You might want to look into how you can describe this also with a formal or equation.
- Client/Server picture
  - o Remember to show or tell that Device controls media.
- Database part pictures, need to be larger.
- Database code is not very interesting.
  - o It is more interesting to look at figures, and easier to understand. (Sequence diagram or flowchart)
- API, you should make it clear that you use it to form a layer of communication, so that the Arduino don't have to fix anything in the database.
  - o Why is it needed
  - o Who is using it
  - o How is it used?
- Arduino

- You should start mentioning it much, much earlier.
- You might want a section where you describe existing hardware, and why you decided to use it.
  - Go through Arduino
  - Server
  - RFID
  - This chapter could also make it more clear the relation to internet of things.
- Build the report like this:
  - Intro
  - Problem Statement
  - How does the system work?
  - Hardware Discussions
  - Explain how the system works/ is implemented
  - And so forth...