# Opschaler project

30-08-2018

Privacy problem

* Use information that we do have access to. For example: isolation, how many people are in the house etc. The goal is to make an algorithm that works and have the best possible estimations with the information that is accessible.

In the end we need to address the positive and negative points of our algorithm.

Researching the important parameters

* Look into the papers written about energy parameters. Maybe more parameters are of importance to us (or less). The less parameters the better.

When playing around with the parameters, make sure you understand why something is happening.

Planning

* Baldiri wants us to make a 20 weeks planning. It’s no problem is we can’t fully estimate the time durations of the different tasks.

Talking “science” with Baldiri

* Use the three websites he gave us
* Search tips:

1. Use relevant keywords to shrink the amount of hits from searching.
2. Classify and select the papers you find. Make different folders how good/relevant they are and what they are about.
3. Use the most recent papers first and look to the references they share.
4. Make a single document where we write down our findings from the different papers.
5. Read the abstract and conclusion first before you dive into the real deal.

What to deliver after two weeks

* Show the plots (in a presentation) that we made.
* Show the file where we write down our findings from the different papers + the excel file in which the different papers are classified.
* The Gantt-chart for 20 weeks

Algorithm information

* Opschaler is looking for two things: an algorithm that can identify which items (oven/shower/etc) are used and when and an algorithm to predict the energy usage.