## Week 1- Weekend Homework

Looking at all the problems on your sheet, pick a problem and narrow the scope of the identified problem, until you can answer the following questions in non-general terms:

- Who is the user/subject of this problem? (A Specific Person)
- What is the setting / potential "intervention" points of this problem? (A Specific Place, Process, or Action)
- Do you have access to the <u>resources</u> you need to address this problem? (You don't need to have them right now, but you could reasonably acquire them)
- Can you conceive of a <u>general</u> solution fix the problem, reduce it, or bring awareness?

(Apply the Scope Identification Process and write the final problem statement in your Design Notebook. Do this for at least three problems)

- With friends and family, <u>Talk</u> through proposed problems:
  - Can any be improved upon?
  - Do any problems statements inspire additional problems?
  - For general problems that haven't been addressed, do you think their scopes can be reduced to a solvable problem?
    Should they be removed from the list?
  - What Problems inspire the most interest? (Pick no more than 10)

## **Expectations**:

- -3 Completed Problem Statements by Monday.
- -A list of up to 10 problems that your are interested in solving.
- -These problems must be able to be realistically solved using your available Resources.

See Course Website for Lecture Notes: francescafr.github.io/PCC-Inventor-Camp/2018