**Initial idea**  
  
An app for a municipality, where residents can report problems or overdue maintenance in their neighbourhood. This may include:  
  
- street waste  
- hole in the road or broken lamppost  
- maintenance of trees and parks  
- inconvenience from events  
- flooded drains  
  
Residents can first search by street name to see if a report is already made (pic 1 and 2). To be able to make a new report or comment on an existing one, they need to login (3).   
Afterwards they can comment on an existing report or create a new one (4 and 5).   
  
The municipality uses this data on the one hand to solve problems, but on the other hand to make it visible where problems occur and to what extent. This can be a tool for their policy making. In addition, they obviously want to show the citizen that they do a lot of good work.  
  
Both residents and the municipality should be able to get a quick overview of the reports per street neighbourhood so that there will not be double reports. They should be able to check this without having to log in.   
  
Both should be able to update the status of the report (i.e.: municipality: “problem solved” / resident: “that’s quick, thank you so much” or “no, it’s not!!”)  
  
Only the municipality should be able to delete double content. Solved reports shouldn’t be deleted, since one of the goals is to make visible where and to what extend problems occur.  
  
**What do I need to make this app function well?**  
1: Mobile first design: obviously, since the residents can upload a picture of the issue, this app must be mobile first. It’s all about functionality and residents should be able to quickly report an issue, without having to go through a lot of trouble.  
  
2: A search functionality to search for the street.  
  
3: A login is needed, which in real life would be linked to an identification number, to prevent misuse of the app.

4: Residents must be able to create, read or update the reports, municipality also to delete content. So there must be 2 environments, one for the users, one for the website owner.   
  
**Question to mentor**1. IDE: All lessons of Code Institute are based on AWS Cloud9. You suggested Webstorm, but there are always problems with the installations on my computer. Meanwhile, Student Care suggest I use Gitpod. Any thoughts?  
  
2. Any tips about point 2 – 4 would be welcome….