1. Goals:
   1. Clarify Aspects of the project
   2. Get source code for what they have done already
      1. We asked Danica to get Ryan Johnson to send us his stuff
   3. Check out the garden
2. Questions for Danica & Becca:
   1. Must Haves(In Scope)
      1. Actually Asking them(minimum 3 general categories):
         1. Training
            1. Ozone Damage is hard to ID
            2. They are worried about the timeline for this because they want to make it engaging and effective
         2. Mobile friendly
         3. Data Collection
            1. Typical Worksheet
            2. Where their datapoint lies and compares

Data visualization - mapping and graphing

Map of other gardens

Change over time

* + - * 1. Where to find more information
      1. They want a timeline
    1. (\*\*\*Are there other topics for must have subsections?\*\*\*\*)
  1. High Priority Wants
     1. Mobile friendly
     2. Storing Photos - for machine learning
        1. Uploading photos from user
           1. When people are taking photos before we put the photos in training they want to be able to vet people before using them
           2. Classifications (tag photo w/ category)
     3. Selecting date of data, let user choose type of plant (similar to what is on existing website)
     4. Accounts:
        1. Accounts to know frequent users
        2. Citizen option, checkout as guest
  2. Low Priority Wants
     1. Graph to show real time ozone damage in leaves
     2. Machine learning
     3. Connect ozone gardens by ozone concentration monitors (real time air quality)
     4. User able to download previous data from specific location (data public)
  3. Ask for Statement of Work/Project Template/Project Charter/Mission Statement
     1. They personally use multiple simple templates
  4. Their Worries/Fears/Issues
     1. Training, how to best train users and not discourage them
     2. They want timeline, especially for meetings
     3. Not searchable
  5. Dates for when they want certain things done
     1. They don’t have a solid schedule yet
  6. Who are the target users?
  7. Current tech stack
     1. Perl
        1. Must use this to match web server, no PHP
     2. Umbrella theme
        1. Basic html/css look from NCAR/UCAR
        2. Follow NCAR/UCAR branding guidelines
     3. Mysql db
  8. What info they want for dynamic graph
  9. What they have for prototype already, database?
  10. How many meetings a month
  11. Do we build on what they have or start over?
      1. If start over, what do they want us to bring over
         1. **They want it from scratch**
  12. How to access their code / how they access ours
  13. If they are using something outdated, move to industry standards
  14. How would they like people to be trained
      1. They have/ will be making their own training, seems like video also photos
  15. What kind of questions they ask
  16. Who is the tech lead on their side?
      1. **Ryan Johnson - ryanj@ucar.edu**
  17. What kind of database?
      1. **Ryan Johnson(Has database here in NCAR)**
  18. What kind of pictures do you want displayed on the education section of the website, should they be static examples or pictures by people at the gardens?
      1. It seems like they want to use photos they vet from submitted people
  19. Means of communication, other people to talk to.
  20. How does their travel schedule look like?
  21. Test environment: ask Ryan Johnson later

1. Our Personal Interests
   1. Tanner - backend guy
   2. Michael - Can help with frontend
   3. Tanya - Can do front end, likes backend, python
   4. Kara - Front end
   5. Percy - Like NCAR (: Little front, little back,
   6. Abbi - Like backend, can do frontend
   7. Hunter - medium experience in both front and back
2. Extra Notes:
   1. They asked about what the big picture was
      1. Planning semester - Deployment semester
   2. They need time to develop new training materials
   3. This was just moved here temporarily
      1. Looks
      2. Accessibility
      3. User based login(?)
      4. Leaf Tutorial
   4. Check out other citizen science project and how they get and use data (also can see their HTML/CSS of their websites are setup)
   5. Just Ozone gardens right now so we know the specific biogarden ozone indicator plants
   6. **Branding Guidelines**