Accomplishments:
○ Picked an idea (Water Usage App)
○ Had detailed discussions (especially about porous concrete and app ideas)

Summary:
We discussed our ideas and kept them mostly local. Focused ideas on an app. We discussed fixing shower heads and faucets to show how much water someone is being wasted and how costs per usage. Water inserts, aqueduct, desalination, and porous concrete sidewalks was discussed as well. Refined our list of ideas to nine ideas and individual picked two we liked, while as a group we removed the one we disliked. As a group we talked about how porous concrete could be beneficial or harmful and watched a video (Edison Porous Concrete Water Demo). Discussed pros and cons to creating and app and using porous concrete. Decided on creating an app with the theme of water usage. The app would be in conjunction with a sensor on shower heads, faucets, etc. Discussed things to research on creating an app. Came to an agreement that we will create an app and getting data to the app/bureau.

Things to think about for next week:
○ Investigation
○ Homework:
  ○ Investigate 2 topics that surround the app that you chose.
Journaling 1/29/16

- Accomplishments:
  - Filled out the 2016 Innovation Challenge Fieldwork Strategy Worksheet
  - Gave each person on the team a goal to accomplish before next week

Summary:

(Gloria was at a doctor’s appointment.) Our group quickly discussed what research we had done and then moved into writing the Fieldwork Strategy Worksheet. We identified California as an example of climate change inducing extreme water shortages that lead to rationing. After discussion, we determined the problem our app was trying to solve. Then we brainstormed what human factors were involved. Once we had determined the human factors, we began discussing our hypothesis. Once we had written our hypothesis, we determined what type of field work we needed to do to meet our timeline and develop our system. Our discussion ended with us drafting our fieldwork plans.

Things to think about for next week:

- Contacting experts- Portland, Tualatin, Happy Valley
- Creating an app flow chart
Discussed the things that we individually researched. Ellie brought app designs help further along our project. The software group worked on creating a flow chart and the hardware group worked on format. Geraldine brought in a sketch of the placement of the sensor. Shayla and Gloria brought in research from water bureau, statistics, and interview questions/answers. Elias brought ideas on app designs and hardware. Figuring out a design and how to create it. Split into groups to do mini projects (software and hardware). Software group focused on creating a flow chart for pages and parts of the app. Hardware group creating the device.

Acc:
Find out what needs to be researched

Things for next week:
Homework: To create more pages
Homework: Interfacing . .
Journaling 2/12/2016

(Elias was not here.) The group for software did a group sharing. Drew the pages out step by step for the app. Decided on the framework and put the pages into categories based on the flowchart we did last Friday. Decided and revised our pages as a group. Also we added and removed pages. Had Ellie write out a rough draft of the order.

Things for next week:
To revise and edit the draft of pages

Journaling 2/19/16

(Gloria was not their.) Elias continued to work on the hardware and the software group was also making advancements. Ellie worked on creating a website on the laptops. Geraldine and Shayla organized the pages of the app. No homework was assigned to the software group. Unsure if homework was assigned to the hardware group.
Journaling 2/26/16

(Ellie was taking a test and Geraldine was not here.) We revised our proposal, which is due on Sunday. Ben, Robin, Gloria, and Shayla are all working the document. Elias is working on hardware and dealing with the parts of the sensor. Takeaways were to continue in preparation for the presentation.

Journaling 3/4/16

(Ellie not here. )Started working on our powerpoint/poster. Discussed who will do which sections. Reviewed last years project. Elias worked on the research done for the previous year. Geraldine worked on writing the problem and results. Shayla worked on the conclusion. She also gathered some statistics. Gloria worked on key observations.
Journaling 3/11/16

(Elli was not here.) Discussed what was to appear on the IC Poster. Developed paragraphs for each section on the poster. Elias worked on developing a model. Gloria worked on key observations. Shayla worked on conclusion. Geraldine worked on problem/opportunity and results.

Journaling 3/18/16

(Elli was at Akwantu.) Worked on revising our speeches for our individual sections for the presentation. Shortened our speeches to a maximum of three sentences to fit onto the IC Poster. As a group we examined last year's IC Poster and discussed issues that were present, so we can avoid the problems they faced. Elias continued to work on our model.

Journaling 3/25/16
(Elias not here.) Shorten all the paragraphs needed to go onto the poster board. Ellie worked on the website. Started working on how we should present what we have. Also started on the powerpoint. Decided all members would have to present to work on the powerpoint. Takeaways were to practice talking for our presentations.