Weekly Team Task Report
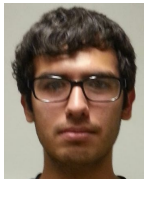
Team: Hydro Citizens	Date: 11/28/2017
Project Title: Citizens Science Mobile App for Hydrology Reporting	

	Logan Brewer		Kelli Ruddy		Luis Arroyo		Ryan Ladwig
	Logan Brewer Present On-time		**Kelli Ruddy** Present On-time		**Luis Arroyo** Present On-time		**Ryan Ladwig** Present On-time

Recent Meetings:

11/22/2017 - Team meeting

TASKS COMPLETED since last meeting:

Task Title: Tech Development - Visualization Tool	**Task Initiation:** 11/21/17	**Orig. Due Date:** 11/28/17	**Status:** Completed
Who (%): Logan Brewer			
Description: Make an application that can take in data from a database and plot a double line graph.			
Expected Outcome: Be able to understand how visualization will connect to app and show team members how it works.			

Task Title: Tech Development - Computer Vision	**Task Initiation:** 11/21/17	**Orig. Due Date:** 11/28/17	**Status:** Incomplete
Who (%): Ryan Ladwig			
Description: Test Dr. Ruddell and Dr. Pastel's existing CV algorithms on a computer, and, if necessary, translate the algorithms so that they can be run using a Javascript wrapper.			
Expected Outcome: At a minimum, prove that a set of CV algorithms are compatible with meteor, but the desired outcome is that the algorithms from the original Mobile Hydrology Project be translated into Javascript and be functional.			

Task Title: Tech Development - Database	**Task Initiation:** 11/21/17	**Orig. Due Date:** 11/28/17	**Status:** Completed
Who (%): Kelli Ruddy			
Description: Make an application that stores data collection and connect node.js to mongodb.			
Expected Outcome: Be able to understand how database will connect to app and show team members how it works.			

Task Title: Tech Development - Geolocation	**Task Initiation:** 11/21/17	**Orig. Due Date:** 11/28/17	**Status:** Completed
Who (%): Luis Arroyo			
Description: Make an application that can plot the phone's location on a map.			
Expected Outcome: Be able to understand how the geolocation tool will connect to our app and show team members how it works.			

This week's Tasks: Work plan for coming week

Task Title: Tech Development - Database	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Kelli Ruddy			
Description: Make an application that allows images to be uploaded to a database.			

Expected Outcome: Be able to understand how database will connect to app and show team members how it works.

Task Title: Tech Development - Visualization	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Logan Brewer			
Description: Make an application that can create a visualization plotting 2 data points on 1 graph.			
Expected Outcome: Be able to create a visualization that can handle 2 data points coming from a database.			

Task Title: Tech Development - Geolocation	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Luis Arroyo			
Description: Make an application that allows us to place multiple markers on the map.			
Expected Outcome: Be able to understand how the place multiple markers on the map using geolocation.			

Task Title: Tech Development - Computer Vision	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Ryan Ladwig			
Description: Test Dr. Ruddell and Dr. Pastel's existing CV algorithms on a computer, and, if necessary, translate the algorithms so that they can be run using a Javascript wrapper.			
Expected Outcome: At a minimum, prove that a set of CV algorithms are compatible with meteor, but the desired outcome is that the algorithms from the original Mobile Hydrology Project be translated into Javascript and be functional.			

Task Title: Tech Integration	Task Initiation: 11/22/2017	Orig. Due Date: 12/4/2017	Status: In progress
Who (%): Whole Team			
Description: Meet up with all of our completed tech sections and combine them into one cohesive application prototype.			
Expected Outcome: Have an application that works and runs as a prototype version of the final application.			

Upcoming Tasks: Planning

Task Title: Requirements document final draft editing	Who (%): Ryan Ladwig	Rough Due Date: 12/7/2017
Description: Finish combining and editing all of the sections of the requirements document.		

Other Problems / Other Issues: None