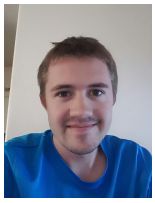
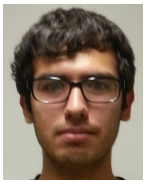
Weekly Team Task Report

Report 11

Team: Hydro Citizens	**Date: 12/05/2017**
Project Title: Citizens Science Mobile App for Hydrology Reporting	

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

Recent Meetings:

12/01/2017 - Team meeting
12/03/17 - Team meeting

TASKS COMPLETED since last meeting:

Task Title: Tech Demo Memo - Version 1	**Task Initiation:** 12/01/17	**Orig. Due Date:** 12/05/17	**Status:** Completed
Who (%): Whole Team			
Description: Create a memo for mentors regarding what will happen during tech demo.			
Expected Outcome: Have a more starting memo for mentors to be refined based off of comments given.			

Task Title: Requirements Document - Version 2	**Task Initiation:** 12/01/17	**Orig. Due Date:** 12/02/17	**Status:** Completed
Who (%): Whole Team			
Description: Update and modify version 1 of requirements document based off of given feedback.			
Expected Outcome: Have a more refined requirements document to be sent to mentors.			

Task Title: Tech Development - Visualization	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** Completed
Who (%): Logan Brewer			
Description: Make an application that can take 1 data set on the application and 1 data set from a database.			
Expected Outcome: A mobile application that can pull data sets from 2 different sources.			

Task Title: Tech Development - Computer Vision	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** Completed
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:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** Completed
Who (%): Kelli Ruddy			
Description: Make a web based solution to upload user data to database. Store image to database(not user submitted)			
Expected Outcome: Be able to understand how database will store user submitted data and store data locally.			

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.			

This week's Tasks: Work plan for coming week

Task Title: Requirements Document - Version 3	**Task Initiation:** 12/04/17	**Orig. Due Date:** 12/07/17	**Status:** In progress
Who (%): Whole Team			
Description: Update and modify version 2 of requirements document based off of given feedback.			
Expected Outcome: Have a more refined requirements document to be sent to mentors.			

Task Title: Tech Development - Database	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Kelli Ruddy			
Description: Store user submitted images on database on web based solution.			
Expected Outcome: Be able to store user submitted images onto web based solution.			

Task Title: Tech Development - Visualization	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Logan Brewer			
Description: Create a mobile application that can connect to a database and pull data wirelessly to create a graph.			
Expected Outcome: A mobile application that can pull data from a database server remotely.			

Task Title: Tech Development - Geolocation	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Luis Arroyo			
Description: Create a circle around the user's location in order to later send users notifications of when a water gage is within their radius.			
Expected Outcome: An application that can show a circle around the user's location.			

Task Title: Tech Development - Computer Vision	**Task Initiation:** 11/28/17	**Orig. Due Date:** 12/3/17	**Status:** In progress
Who (%): Ryan Ladwig			
Description: Create an application that will take a picture of a red and white striped pole as input, and display to the user/command line the estimate for the pole's location and height.			
Expected Outcome: An application that will be able to tell give the user data about the results of the image processing algorithms.			

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