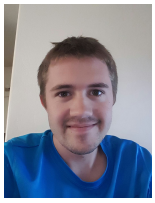
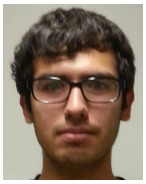
Weekly Team Task Report

Report #14

Team: Hydro Citizens							**Date: 2/6/18**
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:

2/2 - Team Meeting
2/5 - Team Meeting

TASKS COMPLETED since last meeting:

Task Title: Store uploaded image in folder with location.	**Task Initiation:** 1/30/2018	**Orig. Due Date:** 2/6/2018	**Status:** Completed
Who (%): Kelli Ruddy and Logan Brewer			
Description: Store image in a folder and data in mongo collection on a meteor application.			
Expected Outcome: Be able to store image in folder and get location of image. Be able to show this happening in mentor meeting.			

Task Title: Tech Demo: Send Alerts	**Task Initiation:** 1/30/2018	**Orig. Due Date:** 2/6/2018	**Status:** Completed
Who (%): Luis Arroyo			
Description: Be able to show that once the user is within 100 meters, it will sent an alert to the user that they are close to a water station.			
Expected Outcome: Be able to send alerts to the user when they are close to a water station.			

Task Title: Software Design Document Rough Draft: User Accounts and Computer Vision	**Task Initiation:** 1/30/18	**Orig. Due Date:** 2/6/18	**Status:** Completed
Who (%): Ryan Ladwig			
Description: Complete section on user accounts and computer vision modules			
Expected Outcome: Have rough draft completed for editing			

Task Title: Software Design Document Rough Draft:Profile Management and Data Visualization	**Task Initiation:** 1/30/18	**Orig. Due Date:**2/6/18	**Status:** Completed
Who (%): Logan Brewer			
Description: Complete section on profile management and data visualization modules			
Expected Outcome: Have rough draft completed for editing			

Task Title: Software Design Document Rough Draft:Notifications and Geolocation	**Task Initiation:** 1/30/18	**Orig. Due Date:** 2/6/18	**Status:** Completed
Who (%): Luis Arroyo			
Description: Complete section on notifications and geolocation modules			
Expected Outcome: Have rough draft completed for editing			

Task Title: Software Design Document Rough Draft: Database and Offline Caching	**Task Initiation:** 1/30/2018	**Orig. Due Date:** 2/6/2018	**Status:** Completed
Who (%): Kelli Ruddy			
Description: Complete section on database and offline caching modules			
Expected Outcome: Have rough draft completed for editing.			

This week's Tasks: Work plan for coming week

Task Title: Tech Demo: Measure Water Gauge	**Task Initiation:** 1/30/2018	**Orig. Due Date:** 2/6/2018	**Status:** In Progress
Who (%): Ryan Ladwig			
Description: Translate the image processing algorithms developed by Dr. Ruddell and Dr. Pastel's team into Javascript.			
Expected Outcome: Take an image of a pole in a river/body of water, run the algorithms on the image, and tell the user how many stripes were found in the image and where the waterline is located on the image in a demo for next team meeting - 2/9			

Task Title: Convert image uploading to mobile	**Task Initiation:** 2/7/18	**Orig. Due Date:** 2/13/18	**Status:**In progress
Who (%): Kelli Ruddy and Logan Brewer			
Description: Be able to have a working mobile application where a user can submit a photo via their gallery.			
Expected Outcome: Be able to present a tech demo by next mentor meeting showing a more refined working application on mobile where a user can upload an image from their photo gallery to a folder.			

Task Title: Notification	**Task Initiation:** 2/7/18	**Orig. Due Date:** 2/13/18	**Status:**In progress
Who (%): Luis Arroyo			
Description: Be able to implement notifications using the Firebase Cloud Messaging on an Android device.			
Expected Outcome: Be able to present a tech demo by next mentor meeting showing a notification on an Android device when it is send from the server.			

Task Title: App Compilation	**Task Initiation:** 2/7/18	**Orig. Due Date:** 2/13/18	**Status:**In progress
Who (%): Logan Brewer			
Description: Get geolocation part of project running on mobile with user submission part and data visualization.			
Expected Outcome: Be able to show geolocation working on mobile app with other parts of project by next mentor meeting.			

Task Title: Show a mini demo for HydroServer at team meeting	**Task Initiation:** 2/7/18	**Orig. Due Date:** 2/9/18	**Status:**In progress
Who (%): Kelli Ruddy			
Description: Be able to show team members at team meeting more on the HydroServer.			
Expected Outcome: Be able to present a tech demo to the team by 2/9 to show them more about HydroServer and how it is set up. Submit a csv file and propose how we could convert our data from db to csv file.			

Task Title: Mini Tech Demo:	**Task Initiation:** 2/7/18	**Orig. Due Date:** 2/13/18	**Status:** In progress
Who (%): Ryan Ladwig			
Description: Add draggable elements to an image uploaded by the user			
Expected Outcome: Show that the user can interact with draggable HTML elements over an image for next mentor meeting.			

Task Title: Software Design Paper Rough Draft - Introduction and Conclusion	**Task Initiation:** 2/5/18	**Orig. Due Date:** 2/7/18	**Status:** In progress
Who (%): Kelli Ruddy			
Description: Complete the introduction and conclusion for the software design document.			
Expected Outcome: Have a complete and ready for editing submission.			

Task Title: Software Design Paper Rough Draft - Implementation Overview	**Task Initiation:** 2/5/18	**Orig. Due Date:** 2/7/18	**Status:** In progress
Who (%): Logan Brewer			
Description: Complete the implementation overview for the software design document.			
Expected Outcome: Have a complete and ready for editing submission.			

Task Title: Software Design Paper Rough Draft - Implementation Plan	**Task Initiation:** 2/5/18	**Orig. Due Date:** 2/7/18	**Status:** In progress
Who (%): Luis Arroyo			
Description: Complete the implementation plan for the software design document.			
Expected Outcome: Have a complete and ready for editing submission.			

Task Title: Software Design Paper Rough Draft - Architectural Overview	**Task Initiation:** 2/5/18	**Orig. Due Date:** 2/7/18	**Status:** In progress
Who (%): Ryan Ladwig			
Description: Complete the architectural overview for the software design document.			
Expected Outcome: Have a complete and ready for editing submission.			

Task Title: Software Design Paper Rough Draft - Editing	**Task Initiation:** 2/7/18	**Orig. Due Date:** 2/8/18	**Status:** In progress
Who (%): Ryan Ladwig			
Description: Edit all team members parts of the software design rough draft.			
Expected Outcome: Have a complete and cohesive rough draft to be turned in.			

Task Title: Website Update	**Task Initiation:** 2/6/18	**Orig. Due Date:** 2/13/18	**Status:** In progress
Who (%): Luis Arroyo			
Description: Update website based on the feedback provided by Dr. Doerry.			
Expected Outcome: Have a more refined website.			

Upcoming Tasks: Planning

Task Title: Revise Software Design Document	**Who (%):** Whole Team	**Rough Due Date:** 2/15/18
Description: Have a revised and final Software Design Document to be turned in by 2/15		

Other Problems / Other Issues: Ryan is behind on his translation of the Image Processing algorithms into Javascript

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