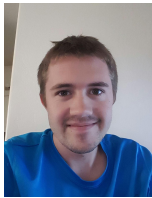

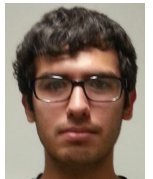



Weekly Team Task Report

Report #15

Team: Hydro Citizens				Date: 2/13/18			
Project Title: Citizens science mobile app for hydrology reporting							
	Logan Brewer		Kelli Ruddy		Luis Arroyo		Ryan Ladwig
	Present		Present		Present		Present
	On-time		On-time		On-time		On-time

Recent Meetings:

- 2/9 - Team Meeting
- 2/12 - Team Meeting

TASKS COMPLETED since last meeting:

Task Title: Tech Demo: Measure Water Gauge	Task Initiation: 1/30/2018	Orig. Due Date: 2/6/2018	Status: Completed
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: App Compilation	Task Initiation: 2/7/18	Orig. Due Date: 2/13/18	Status: Completed
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: Completed
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. Contact CUAHSI about metadata to be submitted.			

Task Title: Mini Tech Demo: Draggable	Task Initiation: 2/7/18	Orig. Due Date: 2/13/18	Status: Completed
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: Completed
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: Completed
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: Completed
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: Completed
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: Completed
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.			

This week's Tasks: Work plan for coming week

Task Title: Convert image uploading to mobile	Task Initiation: 2/7/18	Orig. Due Date: 2/13/18	Status: 70%
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. Have completed and show to team on Friday 2/16 meeting.			

Task Title: Website Update	Task Initiation: 2/6/18	Orig. Due Date: 2/13/18	Status: 30%
Who (%): Luis Arroyo			
Description: Update website based on the feedback provided by Dr. Doerry.			
Expected Outcome: Have a more refined website.			

Task Title: Notification	Task Initiation: 2/7/18	Orig. Due Date: 2/13/18	Status: 20%
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. Have completed and show to team on Friday 2/16 meeting.			

Task Title: Get geolocation working on mobile for image storing	Task Initiation: 2/13/18	Orig. Due Date: 2/20/18	Status: In progress
Who (%): Logan Brewer			
Description: Take Luis' geolocation app and combine it with Kelli's data submission in 1 application.			
Expected Outcome: A mobile application that runs geolocation and the user submission all in one.			

Task Title: Modify image upload app	Task Initiation: 2/13/18	Orig. Due Date: 2/20/18	Status: In progress
Who (%): Kelli Ruddy			
Description: Allow a user to view other stations, combine metadata submission with image upload. (Make other updates according to what is discussed in team meeting)			
Expected Outcome: Have a more put together and cohesive app for uploading data.			

Task Title: Mini Tech Demo: Draggable Refinement	Task Initiation: 2/13/18	Orig. Due Date: 2/19/18	Status: In Progress
Who (%): Ryan Ladwig			
Description: Retrieve position of both the top and bottom of the pole, and also retrieve the position(s) of the draggable HTML elements in relation to the image.			
Expected Outcome: Deliver a miniature tech demo to the team that proves that both of these measurements can be retrieved from the image and that the position of the two movable HTML elements can also be retrieved reliably.			

Task Title: Software Design Document Revisions: User Accounts and Computer Vision	Task Initiation: 2/10/18	Orig. Due Date: 2/15/18	Status: In progress
Who (%): Ryan Ladwig			

Description: Complete section on user accounts and computer vision modules
Expected Outcome: Have revisions completed for editing

Task Title: Software Design Document Revisions: Profile Management and Data Visualization	Task Initiation: 2/10/18	Orig. Due Date: 2/15/18	Status: In progress
Who (%): Logan Brewer			
Description: Complete section on profile management and data visualization modules			
Expected Outcome: Have revisions completed for editing			

Task Title: Software Design Document Revisions: :Notifications and Geolocation	Task Initiation: 2/10/18	Orig. Due Date: 2/15/18	Status: In progress
Who (%): Luis Arroyo			
Description: Complete section on notifications and geolocation modules			
Expected Outcome: Have revisions completed for editing			

Task Title: Software Design Document Revisions: Database and Offline Caching	Task Initiation: 2/10/2018	Orig. Due Date: 2/15/2018	Status: In progress
Who (%): Kelli Ruddy			
Description: Complete section on database and offline caching modules			
Expected Outcome: Have revisions completed for editing.			

Task Title: Software Design Paper Revisions - Editing	Task Initiation: 2/14/18	Orig. Due Date: 2/15/18	Status: In progress
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Who (%): Ryan Ladwig
Description: Edit all team members parts of the software design revisions.
Expected Outcome: Have a complete and cohesive design document to be turned in.

Upcoming Tasks: Planning

Task Title: Design Review Presentation	Who (%): Whole Team	Rough Due Date: 3/2/18
Description: Have a rough draft of our presentation by 3/2 that we can practice presenting and refine.		

Other Problems / Other Issues: We don't know which part of Arizona we are located in for the HydroServer setup. The only options are: Arizona East, West or Central.

Offline notifications require payment for membership.