

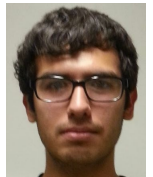



Weekly Team Task Report

Report #13

Team: Hydro Citizens				Date: 1/30/18			
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:

1/26/18 - Team Meeting

TASKS COMPLETED since last meeting:

Task Title: Submit Request to CUAHSI for HydroServer	Task Initiation: 1/26/18	Orig. Due Date: 1/30/18	Status: Completed
Who (%): Kelli Ruddy			
Description: Submitted a formal request to get licensing for HydroServer.			
Expected Outcome: Have a license for HydroServer so team can get started on set up.			

Task Title: Calculate Distance	Task Initiation: 1/26/18	Orig. Due Date: 1/30/18	Status: Completed
Who (%): Luis Arroyo			
Description: Being able to calculate the distance (in meters) from the user to every station marker.			
Expected Outcome: Calculate and print an accurate distance between the user and the station markers.			

Task Title: Get Submission Form on Mobile	Task Initiation: 1/23/2018	Orig. Due Date: 1/30/2018	Status: Completed
Who (%): Logan Brewer and Kelli Ruddy			
Description: Try and combine the submission form on mobile. Specific issue with storing to multiple db collections.			
Expected Outcome: Combine the submission form with main application.			

This week's Tasks: Work plan for coming week

Task Title: Begin App Compilation	Task Initiation: 1/23/2018	Orig. Due Date: 1/30/2018	Status: In Progress
Who (%): Logan Brewer			
Description: An application that combines all of our parts into 1 application that runs on a mobile device.			
Expected Outcome: Be able to run each person's part of the project in 1 mobile application.			

Task Title: Set up HydroServer	Task Initiation: 1/26/2018	Orig. Due Date: 2/4/2018	Status: In Progress
Who (%): Logan Brewer			
Description: Have a local version of the HydroServer set up to use for our application.			
Expected Outcome: A running version of the HydroServer connected to a mobile application.			

Task Title: Begin Computer Vision with JavaScript	Task Initiation: 1/23/2018	Orig. Due Date: 1/30/2018	Status: In Progress
Who (%): Ryan Ladwig			
Description: After transferring the OpenCV algorithms from the client's implementation to Android through Android Studio, we have decided to rewrite the algorithms in JavaScript to allow for an easier port to an iOS application, be it, time permitting, by our team or by a future team after the project is completed.			
Expected Outcome: Rewrite the algorithms using a JavaScript package such as Tracking JS or JSFeat			

Task Title: Store images in directory on server	Task Initiation: 1/26/2018	Orig. Due Date: 1/30/2018	Status: In Progress
Who (%): Kelli Ruddy			
Description: Discussed at last meeting, storing images in a directory on server is a more viable option than using AWS due to cost.			
Expected Outcome: Be able to store image in directory on server.			

Task Title: Create one submission page	Task Initiation: 1/30/2018	Orig. Due Date: 2/6/2018	Status: In Progress
Who (%): Kelli Ruddy			
Description: Create one submission page for user to be able to submit information and photo.			
Expected Outcome: Have a clean and easy to use submission page for user to submit image and dummy data.			

Task Title: Notifications and Alerts	Task Initiation: 1/29/2018	Orig. Due Date: 2/5/2018	Status: In Progress
Who (%): Luis Arroyo			
Description: Looking into implementing notifications and alerts. Seeing what packages are there available in Meteor for notifications.			
Expected Outcome: Gaining knowledge and attempting to implement notifications and alerts in Meteor.			

Task Title: Software Design Document Rough Draft: Implementation Overview	Task Initiation: 1/29/2018	Orig. Due Date: 2/8/2018	Status: In Progress
Who (%): Logan Brewer			
Description: Create a section to add to the final document.			
Expected Outcome: A section completed regarding the implementation overview.			

Task Title: Software Design Document Rough Draft: Architectural Overview	Task Initiation: 1/29/2018	Orig. Due Date: 2/8/2018	Status: In Progress
Who (%): Kelli Ruddy			
Description: Create a section to add to the final document.			
Expected Outcome: A section completed regarding the architectural overview.			

Task Title: Software Design Document Rough Draft: Module and Interface Descriptions	Task Initiation: 1/29/2018	Orig. Due Date: 2/8/2018	Status: In Progress
Who (%): Luis Arroyo			
Description: Create a section to add to the final document.			
Expected Outcome: A section completed regarding the module and interface descriptions.			

Task Title: Software Design Document Rough Draft: Implementation Plan	Task Initiation: 1/29/2018	Orig. Due Date: 2/8/2018	Status: In Progress
Who (%): Ryan Ladwig			
Description: Create a section to add to the final document.			
Expected Outcome: A section completed regarding the implementation plan.			

Upcoming Tasks: Planning

Task Title: Design Doc Draft	Who (%): Whole Team	Rough Due Date: 2/8
Description: First draft of the Design Document		

Other Problems / Other Issues: None