

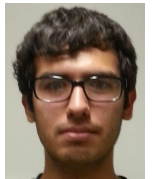



Weekly Team Task Report

Report 9

Team: Hydro Citizens				Date: 11/21/2017			
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:

- 11/17/2017 - Weekly team meeting
- 11/19/2017 - Team meeting to discuss Design Review/Tech Testing
- 11/20/2017 - Team meeting to prepare for Design Review
- 11/21/2017 - Team meeting to prepare for Design Review

TASKS COMPLETED since last meeting:

Task Title: Requirements: Performance Requirements - User Accounts	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Kelli Ruddy			
Description: Look into what requirements are for topic based off of the list posted in minutes.			
Expected Outcome: Know about the performance requirements that come along with user accounts.			

Task Title: Requirements: Performance Requirements - Database	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Kelli Ruddy			
Description: Look into what requirements are for topic based off of the list posted in minutes.			
Expected Outcome: Know about the performance requirements that come along with the database.			

Task Title: Requirements: Performance Requirements - Visualization	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Logan Brewer			
Description: Look into what requirements are for topic based off of the list posted in minutes.			
Expected Outcome: Know about the performance requirements that come along with data visualization.			

Task Title: Requirements: Performance Requirements - Gamification	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Logan Brewer			
Description: Look into what requirements are for topic based off of the list posted in minutes.			
Expected Outcome: Know about the performance requirements that come along with gamification.			

Task Title: Requirements: Performance Requirements - Computer Vision	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Ryan Ladwig			
Description: Research and fully describe all requirements associated with image processing.			
Expected Outcome: Know about the performance requirements that come along with computer vision.			

Task Title: Requirements: Performance Requirements - Geolocation	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Luis Arroyo			
Description: Research and fully describe all requirements associated with geolocation.			
Expected Outcome: Know about the performance requirements that come along with geolocation.			

Task Title: Requirements Rough Draft: Introduction	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Kelli Ruddy			
Description: Alter our introduction from tech feasibility to fit into the requirements document.			
Expected Outcome: Have the completed introduction for the requirements document.			

Task Title: Requirements Rough Draft: Problem Statement	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Kelli Ruddy			
Description: Create the problem statement for the requirements document.			
Expected Outcome: Have the completed problem statement section for the requirements document.			

Task Title: Requirements Rough Draft: Solution Vision	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Logan Brewer			
Description: Create the solution vision for the requirements document.			
Expected Outcome: Have the completed solution vision section for the requirements document.			

Task Title: Requirements Rough Draft: Environmental Requirements	Task Initiation: 11/3/17	Orig. Due Date:	Status: Complete
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		11/14/17	
Who (%): Ryan Ladwig			
Description: Create the environmental requirements for the requirements document.			
Expected Outcome: Have the completed environmental requirements for the requirements document.			

Task Title: Requirements Rough Draft: Potential Risks	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Luis Arroyo			
Description: Create the potential risks for the requirements document.			
Expected Outcome: Have the completed potential risks section for the requirements document.			

Task Title: Requirements Rough Draft: Project Plan	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Luis Arroyo			
Description: Create the project plan for the requirements document.			
Expected Outcome: Have the completed project plan section for the requirements document.			

Task Title: Requirements Rough Draft: Conclusion	Task Initiation: 11/3/17	Orig. Due Date: 11/14/17	Status: Complete
Who (%): Kelli Ruddy			
Description: Create the conclusion for the requirements document.			
Expected Outcome: Have the completed conclusion for the requirements document.			

Task Title: Design Review Presentation - Introduction, Solutions	Task Initiation: 11/10/17	Orig. Due Date:	Status: Complete
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		11/19/17	
Who (%): Logan Brewer			
Description: Complete any final revisions needed to the slides.			
Expected Outcome: Be able to present the introduction and solution slides in the design review.			

Task Title: Design Review Presentation - Problem Statement, USGS Background, Conclusion	Task Initiation: 11/10/17	Orig. Due Date: 11/19/17	Status: Complete
Who (%): Kelli Ruddy			
Description: Complete any final revisions needed to the slides.			
Expected Outcome: Be able to present the problem statement and conclusion slides in the design review.			

Task Title: Design Review Presentation - Key Requirements	Task Initiation: 11/10/17	Orig. Due Date: 11/19/17	Status: Complete
Who (%): Ryan Ladwig			
Description: Complete any final revisions needed to your slides.			
Expected Outcome: Be able to present the USGS Background and Key Requirement slides in the design review.			

Task Title: Design Review Presentation - Risks/Feasibility, Schedule	Task Initiation: 11/10/17	Orig. Due Date: 11/19/17	Status: Complete
Who (%): Luis Arroyo			
Description: Complete any final revisions needed to your slides.			
Expected Outcome: Be able to present Risks/Feasibility and Schedule slides in the design review.			

Task Title: Tech Development - Tutorial of database	Task Initiation: 11/12/17	Orig. Due Date: 11/19/17	Status: Complete
Who (%): Kelli Ruddy			
Description: Make a simple app that utilizes a connection 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 - Tutorial of visualization tool	Task Initiation: 11/12/17	Orig. Due Date: 11/19/17	Status: Complete
Who (%): Logan Brewer			
Description: Make a simple app that utilizes a visualization tool to show a visualization of data.			
Expected Outcome: Be able to understand how visualization will connect to app and show team members how it works.			

Task Title: Tech Development - Tutorial of computer vision	Task Initiation: 11/12/17	Orig. Due Date: 11/19/17	Status: Complete
Who (%): Ryan Ladwig			
Description: Make a simple app that utilizes a computer vision framework.			
Expected Outcome: Be able to understand how the computer vision framework will connect to our app and show team members how it works.			

Task Title: Tech Development - Tutorial of geolocation	Task Initiation: 11/12/17	Orig. Due Date: 11/19/17	Status: In Progress
Who (%): Luis Arroyo			
Description: Make a simple app that utilizes a geolocation tool.			
Expected Outcome: Be able to understand how the geolocation tool will connect to our app and show team members how it works.			

Task Title: Requirements Rough Draft: Evergreening / Maintainability	Task Initiation: 11/14/17	Orig. Due Date: 11/20/17	Status: Complete
Who (%): Ryan Ladwig			
Description: Research and fully describe all requirements associated with image processing (New Requirement from Dr. Ruddell).			
Expected Outcome: Have added and finalized the requirements for Maintainability to the Requirements Document			

This week's Tasks: Work plan for coming week

Task Title: Tech Development - Database	Task Initiation: 11/21/17	Orig. Due Date: 11/28/17	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 tool	Task Initiation: 11/21/17	Orig. Due Date: 11/28/17	Status: In progress
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: 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 Development - geolocation	Task Initiation: 11/21/17	Orig. Due Date: 11/28/17	Status: In progress
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.			

Upcoming Tasks: Planning

Task Title: Tech prototype demonstration	Who (%): Whole team	Rough Due Date: 11/28/2017
Description: Be able to show a prototype version of the application to team		

Other Problems / Other Issues: Luis has submitted 3 group assignments/project sections late.