






Weekly Team Task Report

Report
#16

Team: Team PiWatcher					Date: 2/16/2021				
Project Title: Automated IoT People Counting Infrastructure									
	Brigham Present On-time		Champ Present On-time		Joshua Present On-time		Seth Present On-time		Brandon Present On-time

Recent Meetings:

- **2/10/2021 – Team Work Meeting:** Pair programming session. Team worked on their tasks for the week.
- **2/12/2021 – Team Work Meeting:** Pair programming session. Team worked on their tasks for the week.
- **2/15/2021 – Weekly Team Meeting:** Task creation and task followup. Assigned tasks for the week and closed stories that are waiting for review.

TASKS COMPLETED since last meeting:

Task Title: SD-Doc: Revise document with team mentor changes	Task Initiation: 2/1/2021	Orig. Due Date: 2/8/2021	Status: Complete (100%)
Who (%): Brandon (100%)			
Description: Go over recommended changes by the team mentor and revise issues with the document.			
Expected Outcome: Document is revised and reviewed by Josh, Seth, and Brandon.			

Task Title: PiWatcher-Docs: Complete Peer Evals	Task Initiation: 2/8/2021	Orig. Due Date: 2/9/2021	Status: Complete (100%)
Who (%): Brigs (20%), Brandon (20%), Champ (20%), Josh (20%), Seth (20%)			
Description: Each team member must fill out and send their peer evaluations to team mentor.			
Expected Outcome: All peer evaluations are sent.			

Task Title: SPIKE: Figure out any other changes for Software Design Document	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Brandon (100%)			
Description: Read through the document and determine areas of improvement for the Software Design Document.			
Expected Outcome: Changes are determined and the appropriate tasks are created			

Task Title: PCI-Prototype-Frontend: Connect registration/login page to backend	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Seth (100%)			
Description: Implement user registration tab on login page. Send user login information to backend for authorization / account creation. Implement functionality on auth success and auth failure.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: SPIKE: Figure out tasks needed to complete Design Review II	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Brandon (100%)			
Description: Figure out what tasks need to be created to complete Design Review II.			
Expected Outcome: Tasks are figured out for next week's grooming session.			

Task Title: PCI-Prototype-Backend: Setup dynamic base url	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Champ (100%)			
Description: Write code for dynamically changing the base URL depending on if the environment is in development or in production.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-IoT: Setup scheduling module	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Josh (100%)			
Description: Create python file for scheduling module. Classes/Functions are stubbed out.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-IoT: Add functionality to scheduling module	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Josh (100%)			
Description: Functionality for scheduling module is implemented and is tested.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-Backend: Setup JSON structure for REST API	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Brandon (20%), Brigs (20%), Champ (20%), Josh (20%), Seth (20%)			
Description: Determine JSON structure that will be stored in the database. Determine JSON structure that will be pulled from the database. Implement new JSON structure.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-Backend: Create functionality for user registration	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Champ (50%), Seth (50%)			
Description: Create new endpoint(s) for user registration. Setup functions needed for Login Authentication Service. Add necessary functions for adding user into database. Setup resources to pull user data from databaser and verify password. Ensure that HTTPBasicAuth still works.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-IoT: Setup JSON structure for REST API	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Brandon (20%), Brigs (20%), Champ (20%), Josh (20%), Seth (20%)			
Description: Determine JSON structure that will be sent to the backend. Implement new JSON structure			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-IoT: Purge unnecessary functionality from template code base	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: Complete (100%)
Who (%): Brigs (100%)			
Description: Remove unused files and delete unnecessary code. Ensure that the Analysis still works.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

This week's Tasks: Work plan for coming week

Task Title: PCI-Prototype-Backend: Setup and configure MongoDB	Task Initiation: 2/1/2021	Orig. Due Date: 2/8/2021	Status: In Progress (57%) – Late (Issues with setting up Docker container)
Who (%): Brandon (100%)			
Description: Setup and configure MongoDB with Flask such that the information is stored on our local machine instead.			
Expected Outcome: MongoDB is setup and configured locally and the pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-IoT: Setup dynamic base url	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: In Progress (0%) – Late
Who (%): Brigs (100%)			
Description: Write code for dynamically changing the base URL depending on if the environment is in development or in production.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PCI-Prototype-Frontend: Setup dynamic base url	Task Initiation: 2/8/2021	Orig. Due Date: 2/14/2021	Status: In Progress (0%) – Late
Who (%): Brandon (100%)			
Description: Write code for dynamically changing the base URL depending on if the environment is in development or in production.			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: PiWatcher-Docs: Sign up for UGRADS	Task Initiation: 2/15/2021	Orig. Due Date: 2/22/2021	Status: In Progress (0%)
Who (%): Champ (100%)			
Description: Complete the registration process for UGRADS. Add team members as collaborators of the application			
Expected Outcome: Above description is implemented.			

Task Title: PiWatcher-Docs: Write Project Abstract for UGRADS	Task Initiation: 2/15/2021	Orig. Due Date: 2/22/2021	Status: In Progress (0%)
Who (%): Brigs (100%)			
Description: Write 250-word max project abstract.			
Expected Outcome: Above description is implemented and is reviewed by the entire team.			

Task Title: PCI-Prototype-IoT: Restructure file organization	Task Initiation: 2/15/2021	Orig. Due Date: 2/22/2021	Status: In Progress (0%)
Who (%): Josh (100%)			
Description: Restructure the files and folders inside the Git repository			
Expected Outcome: Above description is implemented and a pull request is created, reviewed, and accepted.			

Task Title: DR-II: Introduction	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Champ (100%)			
Description: Create and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Problem Statement	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Briggs (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Solution Overview	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Seth (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Implementation Overview	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Brandon (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Architecture Overview	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Josh (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Challenges	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Seth (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Resolutions	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Seth (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Schedule	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Champ (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Conclusion	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Brandon (100%)			
Description: Create slide and add it onto the presentation. Write script for the introduction slide and record the video.			
Expected Outcome: Above description is implemented.			

Task Title: DR-II: Send videos to Editor	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Brandon (25%), Champ (25%), Josh (25%), Seth (25%)			
Description: Send recorded videos to the editor.			
Expected Outcome: Videos are sent to editor.			

Task Title: DR-II: Edit Video	Task Initiation: 2/15/2021	Orig. Due Date: 2/21/2021	Status: In Progress (0%)
Who (%): Brigs (100%)			
Description: Take recorded videos and edit them into a video			
Expected Outcome: Edited video is created and it is uploaded to YouTube.			

Upcoming Tasks: Planning

Task Title: Full Prototype Tech Demo Milestone	Who (%): Champ (20%), Seth (20%), Brandon (20%), Josh (20%), Brigs (20%)	Rough Due Date: 3/12/2021
Description: Fill out flight plan and prepare for prototype tech demo.		

Task Title: Milestone III: Bugfixing & Optimization	Who (%): Champ (20%), Seth (20%), Brandon (20%), Josh (20%), Brigs (20%)	Rough Due Date: 4/2/2021
Description: Add needed features and optimization the algorithm.		

Other Problems / Other Issues:

- No problems or issues so far.