Weekly Team Task Report

Team:	Team PiWatcher		**Date:** 10/2/2020
Project Title: Automated IoT People Counting Infrastructure			

	Brigham Present On-time		**Champ** Present On-time		**Joshua** Present On-time		**Seth** Present On-time

Recent Meetings:

- 9/29/2020 – Team Meeting from 3:30pm – 4:00pm
  - Task followup and question refinements for client meeting

- 9/29/2020 – Client Meeting from 4:00pm – 4:30pm
  - Gathered more functional/non-functional requirements

- 9/29/2020 – Team Meeting from 3:30pm – 4:00pm
  - Task followup, created new tasks and set deadlines

- 10/1/2020 – Team Meeting from 3:30pm – 4:30pm
  - Task followup, monthly productivity check, and set deadlines

TASKS COMPLETED since last meeting:

Task Title: Client-Task: Wireframe Design for back end of web application	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)
Who (%): Champ (100%)			
Description: Draft potential wireframe design of the back end of web application			
Expected Outcome: Wireframe design is uploaded on google drive, ready for review.			

Task Title: Client-Task: Wireframe Design for back end of Raspberry Pi	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)
Who (%): Josh (100%)			
Description: Draft of wireframe design for the back end of raspberry pi.			
Expected Outcome: Wireframe design is uploaded onto google drive ready for review			

Task Title: Client-Task: Wireframe design for front end of web application	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)
Who (%): Brigham (50%), Seth (50%)			
Description: Wireframe design for the front end of the web application			
Expected Outcome: Wireframe design is uploaded onto google drive ready for review.			

Task Title: Team-Website: Implement Project Intro	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)
Who (%): Brigham (100%)			
Description: Create project intro page with project name, graphics, team information, project sponsor information, and technical advisor information.			
Expected Outcome: Website is updated, pushed on GitHub, and into production.			

Task Title: Team-Website: Come up with UI design	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)
Who (%): Brigham (50%), Seth (50%)			
Description: Create wireframe diagram of the team-website			
Expected Outcome: Wireframe draft is uploaded onto the Google Drive ready for review			

Task Title: Tech-Feasibility: Research and determine tech scope	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)
Who (%): Brigham (25%), Champ (25%), Josh (25%), Seth (25%)			
Description: Determine and research different technologies and tech scopes that needs to be considered (programming languages, database technologies, networking, libraries, API designs, etc.)			
Expected Outcome: Each team member has a choice for each technological scope ready for discussion next team meeting.			

Task Title: Team-Website: Implement Project Details (Part 1)	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)

Who (%): Brigham (100%)

Description: Create project team tab/page, project description, high level requirements

Expected Outcome: Website is updated, pushed on GitHub, and into production

Task Title: Team-Website: Implement Project Details (Part 2)	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)

Who (%): Seth (100%)

Description: Create envisioned solution, technologies, schedule, resources, budget, codebase, link to demo

Expected Outcome: Website is updated, pushed on GitHub, and into production

Task Title: Team-Website: Check Website Quality Standards	Task Initiation: 9/17/2020	Orig. Due Date: 9/28/2020	Status: Complete (100%)

Who (%): Josh (50%), Seth (50%)

Description: Check if we have a clean multi-page website. Color scheme, font-size, font-style is appropriate. Check for grammar, mobile compability, and information is important

Expected Outcome: Pull request with needed changes is accepted and pushed onto production.

Task Title: Tech-Feasibility: Technological Challenges	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (100%)

Who (%): Josh (100%)

Description: Define challenges for front-end, back-end, database management systems, object/image detection, and any API schemas

Expected Outcome: All possible challenges are defined and information is uploaded onto google docs

This week's Tasks: Work plan for coming week

Task Title: Tech-Feasibility: Cover page and table of contents	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (50%)
Who (%): Seth (100%)			
Description: Create the cover page for the document along with the table of contents for the following document			
Expected Outcome: Cover page and table of contents is uploaded onto google docs			

Task Title: Tech-Feasibility: Introduction	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Brigs (100%)			
Description: Introduce the problem that this project is trying to solve, introduce proposed solution, and the purpose of this document.			
Expected Outcome: All necessary introductions are completed and the is uploaded onto google docs			

Task Title: Tech-Feasibility: Technology Analysis (Part 1)	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Brigs (100%)			
Description: Establish intro to issue, alternatives, chosen approaches, and proving feasibility for front-end libraries/frameworks for our proposed solution			
Expected Outcome: Information is uploaded onto google docs			

Task Title: Tech-Feasibility: Technology Analysis (Part 2)	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Champ (100%)			
Description: Establish intro to issue, alternatives, chosen approaches, and proving feasibility for back-end libraries/frameworks for our proposed solution			
Expected Outcome: Information is uploaded onto google docs			

Task Title: Tech-Feasibility: Technology Analysis (Part 3)	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Seth (100%)			
Description: Establish intro to issue, alternatives, chosen approaches, and proving feasibility for the database management system and API schemas for our proposed solution			
Expected Outcome: Information is uploaded onto google docs			

Task Title: Tech-Feasibility: Technology Analysis (Part 4)	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Josh (100%)			
Description: Establish intro to issue, alternatives, chosen approaches, and proving feasibility for object/image detection software for our proposed solution			
Expected Outcome: Information is uploaded onto google docs			

Task Title: Tech-Feasibility: Technology Integration (Diagram and micro-solutions)	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Champ (100%)			
Description: Create a diagram of the envisioned product and provide how the micro-solutions will come together in the overall system			
Expected Outcome: Diagram and information is uploaded onto google docs			

Task Title: Tech-Feasibility: Technology Integration (Integration challenges & integration issues)	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Seth (100%)			
Description: Intro the integration challenges and explain potential integration issues and how it will be solved			
Expected Outcome: Information is uploaded onto google docs			

Task Title: Tech-Feasibility: Conclusion	Task Initiation: 9/29/2020	Orig. Due Date: 10/7/2020	Status: In progress (0%)
Who (%): Brigs (100%)			
Description: Review project/problem and solution. Along with restating the purpose of the document, summazing all findings and providing an overall picture			
Expected Outcome: Information is uploaded onto google docs			

Upcoming Tasks: Planning

Task Title: Tech Feasibility: Final Draft	Who (%): Brigham (25%), Champ (25%), Josh (25%), Seth (25%)	Rough Due Date: 10/17/2020
Description: Tech Feasibility rough draft is completed and on the google drive ready for team review.		

Task Title: Requirements Document Specifications: Draft	Who (%): Brigham (25%), Champ (25%), Josh (25%), Seth (25%)	Rough Due Date: 11/4/2020
Description: Requirements Documents Specifications rough draft is completed and on the google drive ready for team review.		

Task Title: Design Review 1 Presentations: Rough Draft	Who (%): Brigham (25%), Champ (25%), Josh (25%), Seth (25%)	Rough Due Date: 10/30/2020
Description: Design Review Rough Draft Video is ready to be presented to mentor		

Other Problems / Other Issues:

- None problems or issues so far.