





# Weekly Team Task Report

Report  
#7

<b>Team:</b> Team PiWatcher					<b>Date:</b> 10/30/2020		
<b>Project Title:</b> Automated IoT People Counting Infrastructure							
	<b>Brigham</b>  Present  On-time		<b>Champ</b>  Present  On-time		<b>Joshua</b>  Present  On-time		<b>Seth</b>  Present  On-time

## Recent Meetings:

- 10/27/2020 – Team Meeting from 3:30pm – 5:00pm  
- Task followup, groomed more stories, and went over Design Review and Requirements Document
- 10/29/2020 – Team Meeting from 3:30pm – 4:30pm  
- Task followup, created new tasks, went over technical prototype demo flight plan

## TASKS COMPLETED since last meeting:

<b>Task Title:</b> Req-Specs: Cover Page	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/20/2020	<b>Status:</b> Complete (100%) – Late (3 days)
<b>Who (%):</b> Briggs (100%)			
<b>Description:</b> Cover page is created that includes acceptance statement and a place for signature for both the team lead and the client			
<b>Expected Outcome:</b> Cover page is created and uploaded on to Google drive, ready for review			

<b>Task Title:</b> DR-Draft: Introduction	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Champ (100%)			
<b>Description:</b> Create slide for introducing team members, roles, team name, client, and faculty mentor. Create a recorded video			
<b>Expected Outcome:</b> Slide is created and added onto the DR presentation. The video has been recorded			

<b>Task Title:</b> DR-Draft: Problem Statement	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Briggs (100%)			
<b>Description:</b> Create slide for introducing business area and how it works, providing information about the project sponsor and organization along with how they contribute to the overall business area. Explain current problem and current solution.			
<b>Expected Outcome:</b> Slide is created and added onto the DR presentation. The video has been recorded			

<b>Task Title:</b> DR-Draft: Solution Overview	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Seth (100%)			
<b>Description:</b> Create slide for solution overview that shows broad statement of overall solution including graphics that describes clients business and elements our team is trying to fix. Create a recorded video.			
<b>Expected Outcome:</b> Slide is created and added onto the DR presentation. The video has been recorded			

<b>Task Title:</b> DR-Draft: Key Requirements - Introduction	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Josh (100%)			
<b>Description:</b> Create slides for the introduction to the key requirements. Explain how we gathered our requirements and present key requirements that our solution must meet from the domain perspective. Create a recorded video.			
<b>Expected Outcome:</b> Slide is created and added onto the DR presentation. The video has been recorded			

<b>Task Title:</b> DR-Draft: Key Requirements – Overview of Requirements	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Seth (100%)			
<b>Description:</b> Create slide that overviews the functional, non-functional, and environmental requirements. Discuss the functional requirements along with a wrap up. Create a recorded video			
<b>Expected Outcome:</b> Slide is created and added onto the DR presentation. The video has been recorded			

<b>Task Title:</b> DR-Draft: Risks and Feasibility	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Josh (100%)			
<b>Description:</b> Create slides for risks and feasibility to overviews the risk we perceive for the project. Along with that analyze the severity and likelihood of risks. Send recorded video to editor			
<b>Expected Outcome:</b> Slide is created and added onto the DR presentation. The video has been recorded			

<b>Task Title:</b> DR-Draft: Schedule and Conclusion	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Champ (100%)			
<b>Description:</b> Create slides for schedule and conclusion that features a Gantt chart of our current projected schedule for the rest of the year. Discuss project plan, main functional milestones, along with restating the importance of the domain and the clients business. Send recorded video to editor			
<b>Expected Outcome:</b> Slide is created and added onto the DR presentation. The video has been recorded			

<b>Task Title:</b> DR-Draft: Send Videos	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Champ, Josh, Seth (100%)			
<b>Description:</b> Send recorded portions of the presentation to editor.			
<b>Expected Outcome:</b> Recorded videos have been sent to editor.			

<b>Task Title:</b> DR-Draft: Edit videos and upload	<b>Task Initiation:</b> 10/15/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Brigs (100%)			
<b>Description:</b> Edit the recorded videos and upload them onto youtube.			
<b>Expected Outcome:</b> Video is edited and is uploaded on youtube.			

<b>Task Title:</b> Determine what the end goal of our tech demo prototypes should become	<b>Task Initiation:</b> 10/22/2020	<b>Orig. Due Date:</b> 10/27/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Brigs (25%), Champ (25%), Josh (25%), Seth (25%)			
<b>Description:</b> End goal for the prototypes is determined and if tasks need to be created, they are created and added onto the backlog ready for grooming.			
<b>Expected Outcome:</b> End goal is determined and the needed tasks are created.			

<b>Task Title:</b> Tech-Feasibility: Final touches on document	<b>Task Initiation:</b> 10/29/2020	<b>Orig. Due Date:</b> 10/30/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Seth (100%)			
<b>Description:</b> Revise and apply the final comments left by Team Mentor on the document			
<b>Expected Outcome:</b> Document is revised and ready to be submitted.			

<b>Task Title:</b> Req-Specs: Introduction	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Brigs (100%)			
<b>Description:</b> Created the introduction for the requirements specification document that introduces the sponsor and the our problem.			
<b>Expected Outcome:</b> Draft of the introduction is added onto the main document			

<b>Task Title:</b> Req-Specs: Problem Statement	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Brigs (100%)			
<b>Description:</b> Created the problem statement for the requirements specification document that dives into the business workflows and what the problem that needs to be solved is about			
<b>Expected Outcome:</b> Draft of the problem statement is added onto the main document			

<b>Task Title:</b> Req-Specs: Project Requirements – Functional Requirements	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> Complete (100%)
<b>Who (%):</b> Brigs (100%)			
<b>Description:</b> Created the functional requirements section that defines the each functional requirements as bullets along with the needs of each requirement and what domain-level requirement they fit under.			
<b>Expected Outcome:</b> Draft of the functional requirements is added onto the main document			

### This week's Tasks: Work plan for coming week

<b>Task Title:</b> Req-Specs: Solution Vision	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (20%)
<b>Who (%):</b> Brigs (50%). Champ (50%)			
<b>Description:</b> Discusses our current solution vision, and lists the bulleted features of the application along with the visualization of the workflow.			
<b>Expected Outcome:</b> Draft of the current solution vision is added onto the main document			

<b>Task Title:</b> Req-Specs: Potential Risks	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (17%)
<b>Who (%):</b> Josh (100%)			
<b>Description:</b> Discusses the potential risks of our application, along with the explanation of our risks and the mitigations strategies that we are going to implement			
<b>Expected Outcome:</b> Draft of the potential risks is added onto the main document			

<b>Task Title:</b> Req-Specs: TOC and Glossary	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Brigs (100%)			
<b>Description:</b> Create the table of contents and glossary for the document once the document is completed.			
<b>Expected Outcome:</b> Draft of the table of contents and glossary is added onto the main document			

<b>Task Title:</b> Req-Specs: Project Requirements – Performance (non-functional requirements)	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Brigs (100%)			
<b>Description:</b> Discusses our performance requirements and lists all bullets points needed for each domain-level requirement			
<b>Expected Outcome:</b> Draft of the performance requirements is added onto the main document			

<b>Task Title:</b> Req-Specs: Project Requirements – Environmental Requirements	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Brigs (100%)			
<b>Description:</b> Dicusses our environmental requirements and lists all bullet points needed for each domain-level requirerment			
<b>Expected Outcome:</b> Draft of the environmental requirements is added onto the main document			

<b>Task Title:</b> Req-Specs: Project Plan	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Champ (100%)			
<b>Description:</b> Discusses the project plan for the team, along with a Gantt chart that explains how we are going to develop our product.			
<b>Expected Outcome:</b> Draft of the project plan is added onto the main document			

<b>Task Title:</b> Req-Specs: Conclusion	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Seth (100%)			
<b>Description:</b> Create page the concludes the requirements specification document			
<b>Expected Outcome:</b> Draft of the conclusion is added onto the main document			

<b>Task Title:</b> PCI-Prototype-Frontend: Initialize Project	<b>Task Initiation:</b> 10/22/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Seth (100%)			
<b>Description:</b> Initializes the project repository, installs the needed packages, provides a simple readme for setting up the project and create a test “hello world” example			
<b>Expected Outcome:</b> Project repository is created and is on the github repository			

<b>Task Title:</b> PCI-Prototype-Backend: Initialize Project	<b>Task Initiation:</b> 10/22/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Champ (100%)			
<b>Description:</b> Initializes the project repository, installs the needed packages, provides a simple readme for setting up the project and create a test “hello world” example			
<b>Expected Outcome:</b> Project repository is created and is on the github repository			

<b>Task Title:</b> PCI-Prototype-Pi: Initialize Project	<b>Task Initiation:</b> 10/20/2020	<b>Orig. Due Date:</b> 11/4/2020	<b>Status:</b> In Progress (0%)
<b>Who (%):</b> Josh (100%)			
<b>Description:</b> Initializes the project repository, installs the needed packages, provides a simple readme for setting up the project and create a test "hello world" example			
<b>Expected Outcome:</b> Project repository is created and is on the github repository			

## Upcoming Tasks: Planning

<b>Task Title:</b> PCI Prototype Demo	<b>Who (%):</b> Brigham (25%), Champ (25%), Josh (25%), Seth (25%)	<b>Rough Due Date:</b> 11/27/2020
<b>Description:</b> Start creating and designing the prototype for the demo to test feasibility and show proof of concept.		

## Other Problems / Other Issues:

- No problems or issues so far.