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|  | **Weekly Team Task Report** | **Report #8** |

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| Team: Team PiWatcher | | | | | | **Date:** 11/6/2020 | | |
| **Project Title:** Automated IoT People Counting Infrastructure | | | | | | | | |
| **A person wearing glasses and smiling at the camera  Description automatically generated** | **Brigham**  Present  On-time | **A close up of a person  Description automatically generated** | **Champ**  Present  On-time | **A person wearing a suit and tie  Description automatically generated** | **Joshua**  Present  On-time | | A person smiling for the camera  Description automatically generated | **Seth**  Present  On-time |

### Recent Meetings:

* 11/3/2020 – Team Meeting from 3:30pm – 4:00pm  
  - Task followup, went over potential questions to ask Client for the requirements.
* 11/3/2020 – Client Meeting from 4:00pm – 4:30pm

- Discussed questions about system security for the system.

* 11/3/2020 – Team Meeting from 4:30pm – 5:00pm

- Determined tasks for the rest of the week and what to expect coming Thursday team meeting.

* 11/5/2020 – Client Meeting from 3:30pm – 4:30pm

- Task followup, story grooming, and current prototype progress.

### TASKS COMPLETED since last meeting:

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| **Task Title:**  Req-Specs: Solution Vision | **Task Initiation:**  10/20/2020 | **Orig. Due Date:**  11/4/2020 | **Status:**  Complete (100%) |
| **Who (%):** Brigs (20%). Champ (80%) | | | |
| **Description:** Discusses our current solution vision, and lists the bulleted features of the application along with the visualization of the workflow. | | | |
| **Expected Outcome:** Draft of the current solution vision is added onto the main document | | | |

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

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

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

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

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

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

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

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

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

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

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| **Task Title:**  PCI-Prototype-Backend: Create needed endpoints | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Champ (100%) | | | |
| **Description:** Draft endpoints for accessing database for data or returning data. | | | |
| **Expected Outcome:** Endpoints have been created and is able to return data through postman | | | |

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| **Task Title:**  Demo-Flight-Plan: Fill out flight plan template | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Champ (100%) | | | |
| **Description:** Fill out flight plan template that addresses key challenges of the system and provide demos that address those challenges | | | |
| **Expected Outcome:** Flight plan is filled out and reviewed with team. | | | |

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| **Task Title:**  DR-Final: Revise solution overview | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Seth (100%) | | | |
| **Description:** Add and make revision based on team mentor’s notes. If a rerecord is needed, then upload and send the video to video editor | | | |
| **Expected Outcome:** Revisions are made and if necessary, the video is sent to team editor | | | |

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| **Task Title:**  DR-Final: Revise requirements acquisition | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Josh (100%) | | | |
| **Description:** Add and make revision based on team mentor’s notes. If a rerecord is needed, then upload and send the video to video editor | | | |
| **Expected Outcome:** Revisions are made and if necessary, the video is sent to team editor | | | |

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| **Task Title:**  DR-Final: Update Gantt Chart on schedule | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Champ (100%) | | | |
| **Description:** Gantt chart is updated and the schedule is split into multiple slides. | | | |
| **Expected Outcome:** Revisions are made and if necessary, the video is sent to team editor. | | | |

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| **Task Title:**  DR-Final: Edit and upload video | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/12/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Brigs (100%) | | | |
| **Description:** Edit the video and upload the video to YouTube. Link to the YouTube video should be sent to the team lead to pass onto the team mentor | | | |
| **Expected Outcome:** Video is edited and uploaded onto YouTube with the link sent to the team lead. | | | |

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| **Task Title:**  Team-Website: Reformat Project Page | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Brigs (100%) | | | |
| **Description:** Reformat the project page so that the information is in cards instead of the page directly. | | | |
| **Expected Outcome:** Page is updated, pull request is reviewed and accepted and the changes are live on the team website. | | | |

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| **Task Title:**  Team-Website: Add Gantt chart back onto schedule | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Brigs (100%) | | | |
| **Description:** Add Gantt chart that was made by team lead onto the schedule tab of the website | | | |
| **Expected Outcome:** Page is updated, pull request is reviewed and accepted and the changes are live on the team website. | | | |

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| **Task Title:**  Team-Website: Resize GitHub logo | **Task Initiation:**  11/5/2020 | **Orig. Due Date:**  11/10/2020 | **Status:**  In Progress (0%) |
| **Who (%):** Brigs (100%) | | | |
| **Description:** GitHub logo is resized to a smaller size so that it does not take up half the page. | | | |
| **Expected Outcome:** Page is updated, pull request is reviewed and accepted and the changes are live on the team website. | | | |

### Upcoming Tasks: Planning

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| **Task Title:** PCI Prototype Demo | **Who (%):** Brigham (25%), Champ (25%), Josh (25%), Seth (25%) | **Rough Due Date:** 11/27/2020 |
| **Description:** 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.