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|  | **Weekly Team Task Report** | **Report #3** |

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| Team: Team PiWatcher | | | | | | **Date:** 10/2/2020 | | |
| **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:

* 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:

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| **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. | | | |

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| **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 | | | |

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| **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. | | | |

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| **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. | | | |

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| **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 | | | |

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| **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. | | | |

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| **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 | | | |

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| **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 | | | |

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| **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. | | | |

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| **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

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| **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 | | | |

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| **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 | | | |

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| **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 | | | |

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| **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 | | | |

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| **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 | | | |

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| **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 | | | |

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| **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 | | | |

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| **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 | | | |

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| **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

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| **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. | | |

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| **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. | | |

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| **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.