**Team Members:**

* Thomas Bock
* Ammar Ahmed
* Tan Hua
* Jan Michael Golez

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**Group Meeting Minutes:**

* Discuss Necessary Budget Allocated for Enhancement of prototype
* Assemble choice materials needed for Housing/Ventilation System
* Expense Drafted to both Hardware Devices that are necessary for enhancements: e.g. Camera System and S.A.M.S.

**Summary of Team Tasks Assigned:**

1. Housing/Ventilation System
   1. Examine Parts Needed for Ventilation System(e.g. cost of materials)
2. Stand Alone Management System(***S.A.M.S.)***
   1. Understand mechanics of interfacing within the camera and software system
   2. Begin Examination/Purchasing of necessary Hardware Components
3. Solitary Software System
   1. Research compatibility of G-Code with Phyton, PyQt, Numpy, and C++
   2. Understand how to connect a bridge between the software with the automated camera aspect.
4. Automated/Enhance Camera System
   1. Begin Researching on OpenCV
   2. Discussion on a preferable mounting camera angle(Enhancing Image)

**Summary of Team Accomplishments:**

1. Housing/Ventilation System
2. Parts have been examine, a group consent is required to further proceed with the materials
3. Stand Alone Management System
4. Began research on Operating Systems Interacting with both the software and camera
5. Solitary Software Program
6. Began Practicing with different types of software languages
7. Began Research on bridge between camera software and O.S.
8. Automation/Enhance Camera System
9. Began an overlook of OpenCV
10. Discussion of several mounting angles for Camera

**Tasks Assigned for Next reporting period:**

1. Housing/Ventilation System
2. Proceed discussion with parts and began redesigning enclosure/ventilation system
3. Stand Alone Management System
4. Continue research on Bridging Platforms/RasPi first draft
5. Solitary Software Program
6. Enhance techniques on different languages to ensure G-CODE implemented correctly
7. Help with bridging O.S., Camera, Software
8. Automation/Enhance Camera System
9. Familiarize thyself with OpenCV
10. Draft for mounted Camera Postion

**Issues:**

1. No Issues Reported Concerning Division of Labor

**Individual Summary (cont.)**

**Name:** Thomas Bock

**Tasks Assigned for this reporting period:**

1. Examine Parts Needed for Ventilation System(e.g. cost of materials)

**Accomplishments this reporting period:**

1. Parts Examined for enhancement of Prototype CNC Machine

**Issues:**

1. None

**Tasks Assigned for Next reporting period:**

1. First Draft Design of Ventilation/Enclosure

**Individual Summary (cont.)**

**Name:** Jan Michael Golez

**Tasks Assigned for this reporting period:**

1. Understand mechanics of interfacing within the camera and software system
2. Begin Examination/Purchasing of necessary Hardware Components

**Accomplishments this reporting period:**

1. Began research on Operating Systems Interacting with both the software and camera

**Issues:**

1. None

**Tasks Assigned for Next reporting period:**

1. Continue research on Bridging Platforms/RasPi first draft

**Individual Summary (cont.)**

**Name:** Tan Hua

**Tasks Assigned for this reporting period:**

1. Research compatibility of G-Code with Phyton, PyQt, Numpy, and C++
2. Understand how to connect a bridge between the software with the automated camera aspect.

**Accomplishments this reporting period:**

1. Began Practicing with different types of software languages
2. Began Research on bridge between camera software and O.S.

**Issues:**

1. None

**Tasks Assigned for Next reporting period:**

1. Enhance techniques on different languages to ensure G-CODE implemented correctly
2. Help with bridging O.S., Camera, Software

**Individual Summary (cont.)**

**Name:** Ammar Ahmed

**Tasks Assigned for this reporting period:**

1. Begin Researching on OpenCV
2. Discussion on a preferable mounting camera angle(Enhancing Image)

**Accomplishments this reporting period:**

1. Began an overlook of OpenCV
2. Discussion of several mounting angles for Camera

**Issues:**

1. None

**Tasks Assigned for Next reporting period:**

1. Familiarize thyself with OpenCV
2. Draft for mounted Camera Postion