## Weekly Agenda: September 9, 2024

### Objectives

* Parts List
* Project Proposal
* Scheduling Breakdown
* Team Breakdown

#### Parts List

[Parts List Document](https://docs.google.com/document/d/1ZT0obMOCwC3vaKUP2ofwLyiiCo-xI-8-vv5DhyDPYRU/edit#heading=h.wieoajnq4boy)

[Purchase Form](https://drive.google.com/file/d/1Ux9FV0YHMtLW46YC-Lv61IQ5CrwWZMfs/view?usp=drive_link)

#### Project Proposal

| Section | Team Member Assigned |
| --- | --- |
| Team Logo | TBD |
| Executive Summary | Noah Kilpatrick |
| Introduction | Jack Couture |
| Literature and Technical Survey | Jack Letsinger |
| Proposed Work | Diana Canchola |
| Engineering Standards | Ryan Wu & Alyan Tharani |
| References | Everyone |
| Appendices | Everyone |

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#### Scheduling Breakdown

[Schedule Document Link](https://docs.google.com/document/d/119Wmu8rZ5NrlOvxsdwlaBr4o1L8Y3NCen9XJBZuI-AI/edit?usp=drive_link)

#### Team Breakdown

| Team | Leader | Members |
| --- | --- | --- |
| Hardware | Jack Letsinger | 1. Ryan Wu 2. Alyan Tharani |
| Software | Jack Couture | 1. Noah Kilpatrick 2. Diana Canchola |

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Meeting 09/10/2024 Notes

* Split up project proposal, going to begin work 9/12/24
* Assigned internal teams, software and hardware subteams
* Began initial development of camera depth sensor code in python, creates array of values

Actions/Next Steps

* Create CSV files from the data outputted by the camera
* Use the CSV files to render images for object recognition
* Convert python code to c/c++
* Research micro controllers

Meeting 09/12/2024 Notes

* Created schematic diagrams for the hardware and software components
* Created CSV files from depth camera with better data
* Initial c++ implementation of rendering an image from the csv depth camera files
* Received past project to be used for parts

Actions/Next Steps

* Prepare proposal presentation
* Finish Schedule (Hardware and Software)
* Begin proposal report