

WEEKLY REPORT and MEETING AGENDA

Report #: 8
Date: 4/4/23

Project Name: Traffic Light Detection and Tracking
Prepared by: Aaryan Shenoy

Agenda for the weekly meeting

1. Ask questions from yesterday's Discord meeting
2. Integrate blinking light algorithm
3. Create distance filtering algorithm
4. Fix ROS workspace issues

Accomplishments during this period

1. Added blinking light algorithm
2. Tested blinking light algorithm output and compared it to main branch output
3. Identified that main branch code has issues with detections/tracking in
4. Made progress on distance filtering algorithm

Plans for next period

1. Need to figure out how to create a bootable hard drive and work on shared computer
2. Need to figure out ROS workspace issues
 - Enclose code in ROS package and utilize custom ROS messages in code by next Tuesday
 - Assigned to Aaryan, Robert, Max
3. Need to work on distance filtering algorithm
 - Due by next Tuesday
 - Assigned to Clayton, Morgan
4. Need to merge blinking light algorithm code
 - Due by next Tuesday
 - Assigned to Aaryan

Project management status

1. Schedule and milestones
 - Demo'ed blinking light algorithm with successful output
2. Teamwork
 - Collaborated in Tuesday meeting and Sunday meeting
3. Purchases
 - None

Minutes from previous meeting

Members present: Aaryan, Morgan, Clayton, Max

- Located in EABC
- Instructor said we did a good CDR presentation
- Instructor said we can use shared Capstone computer to run code if we upload computer software into hard drive
- Discussed how to filter out far-out traffic lights
- We can use original idea or only keep large bounding boxes since size indicates closeness
- There will be 2 more peer reviews that are weighted more
- We need to list out our dependencies in the project directory
- Clarified how to resolve the skewed distribution of commits
- Robert came after instructor meeting
- Robert, Max, and Aaryan worked on cleaning up ROS workspace
- Morgan, Clayton worked on the distance filtering algorithm
- Morgan worked on testing the model
- Aaryan pushed algorithm to detect blinking lights to new branch
- Aaryan demo'ed his code on Clayton's computer with Morgan
- Blinking light detection code had good bounding box output

Patient Information	
First Name	
Last Name	
Address	
City	
State	
Zip	
Phone	
Insurance	
Physician Information	
Physician Name	
Physician Address	
Physician City	
Physician State	
Physician Zip	
Physician Phone	
Physician Insurance	
Referral Information	
Referral Number	
Referral Date	
Referral Type	
Referral Reason	
Referral Physician	
Referral Facility	
Referral Status	
Referral Notes	