



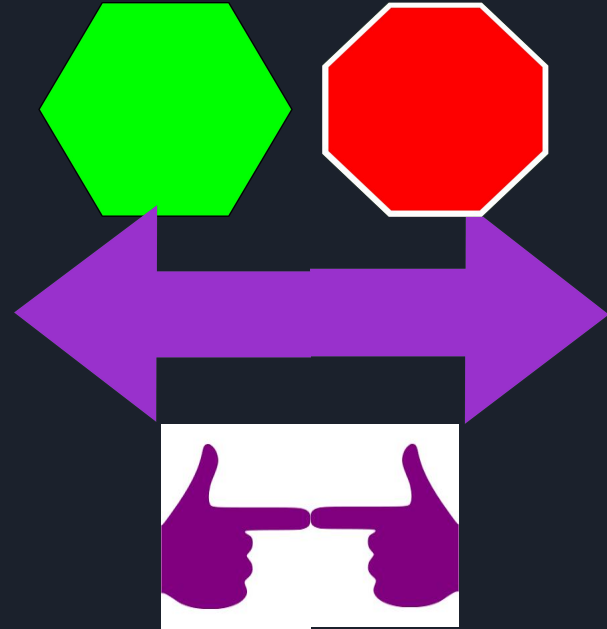
# MAE 148 Team 4 - The Puppy

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# Proposal: Sign recognition

## Needs:

- Robot to recognize signs ->
- The robot is able to do the action we associated with the sign



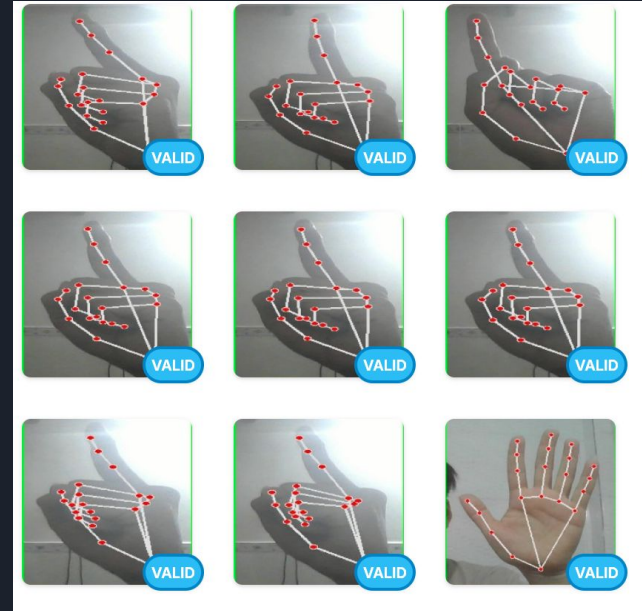
# Proposal: Sign recognition

## Wants:

- To get the robot to recognize hand signs we make

## Stretch Goal:

- Get the bot to follow us continuously and be able to give it signs to also direct it





# What have we done so far

- We have trained models using signs and hand signals
- We have implemented the package that allows us to use a model we trained
- We are currently troubleshooting the code to get it to work



# Challenge / Lessons

## Challenges:

- Getting roboflow set up to train with signs and getting a model loaded for hand signs
  - Getting the packages to upload and run properly takes time
- Creating and editing existed code to what we need
  - Getting the roboflow to run properly

## Lessons:

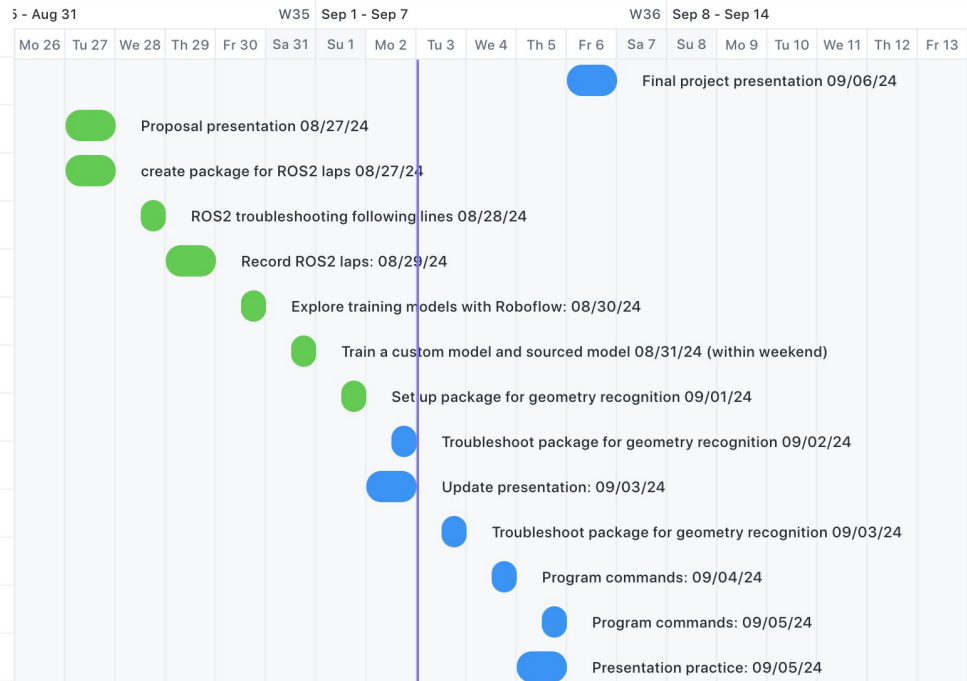
- Time management
  - Our schedules do not line up to well so being

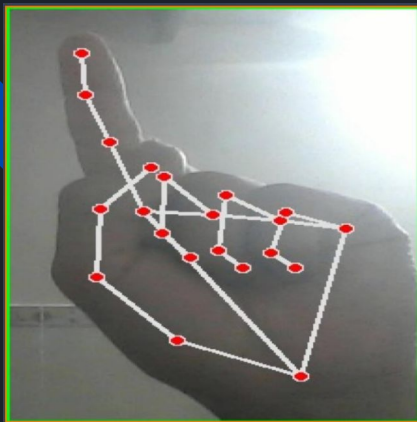


# What we are working on:

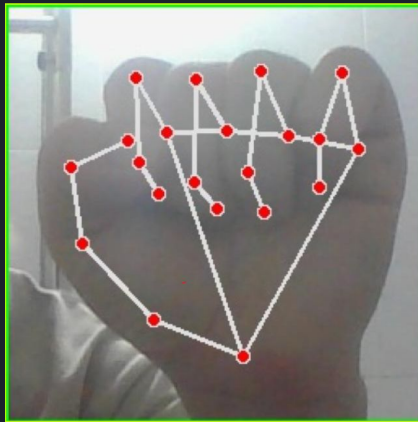
- Need to get our package to communicate that it is using our model from roboflow
- Code commands that respond to specific classes we created for our model for our puppy / car to follow

- Presentation practice: 09/05/24

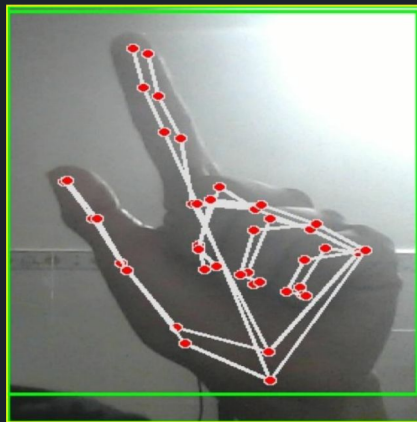




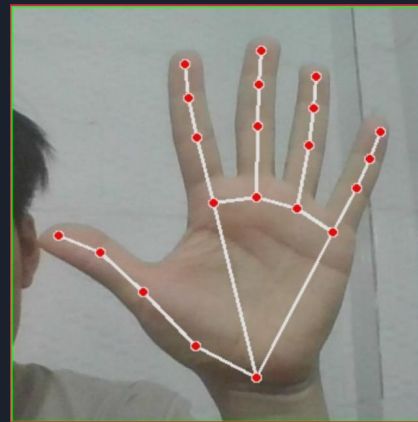
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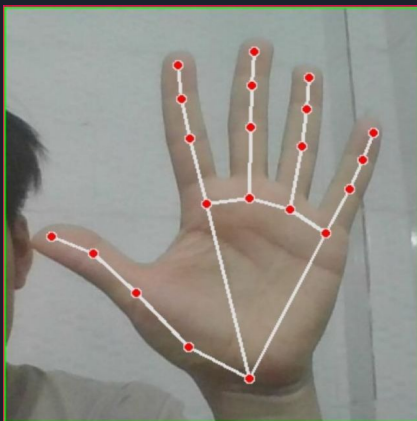
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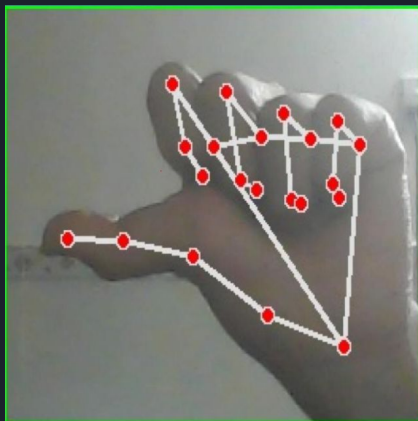
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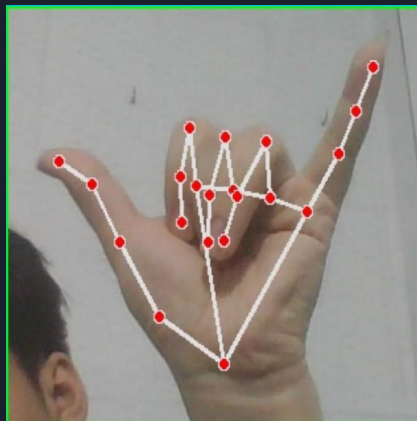
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