Branches with Algorithms

- Defaults: Mel

- Vision: Mel

- Actions: Nick

- Replay: Brady Y.

Algorithm Recaps

- Actions

  - JS function uses message system to call action w/ page number
  - Will need to fork to get motion file
  - Use cases:

    * Entertainment
    * Extending action list

- Defaults

  - Document function prototype
  - Relies on ability to get servo positions. Can this be done?
  - What if we want different default positions?
  - Replay module needs function for default pos too
  - Use Cases:

    * Don't want robot to fall on face when thanking from rest pose
    * Want robot to go back to init if in the middle of another pose

- Vision

  - Need to take many images of ball
  - Need to pre-process images to only contain ball
  - Create normal distribution of the hsv values
  - Sample from the distribution when looking for ball
  - Lock color when found, re-sample when lost

- Replay

  - Action file or separate files to store recordings?
  - Start/stop for motion follower

Midterm Presentation

- Everyone must speak
- Each group should speak on its module
- Discuss the algorithm for each module, as well as use cases

Github Flow

- Will use pull requests
- Will use a dev branch and testing branch for each module, as well as master
- Will make PR from dev to test, Alice will patch from test to master
- Want to add reviewer names to description box for commit

General Notes

- Need to start putting code locations in documentation
- Light can be different colors
- Primary is person putting most of the code up and documenting
- Secondary mostly in charge of integration testing

Action Items

- Alice will set up presentation skeleton
- People should add pieces to that when they can
- If you need a repo forked, put it in algorithm file and notify Alice on discord
- Will get 360 reviews next Thursday. Need to take seriously.