

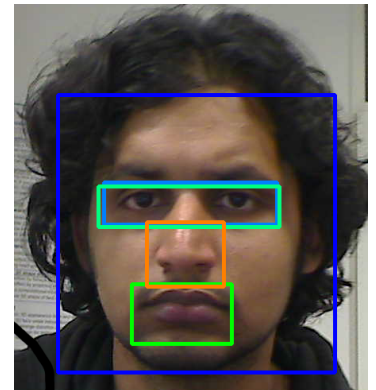


# Gesture Based Control

of the Ardrone quadcopter

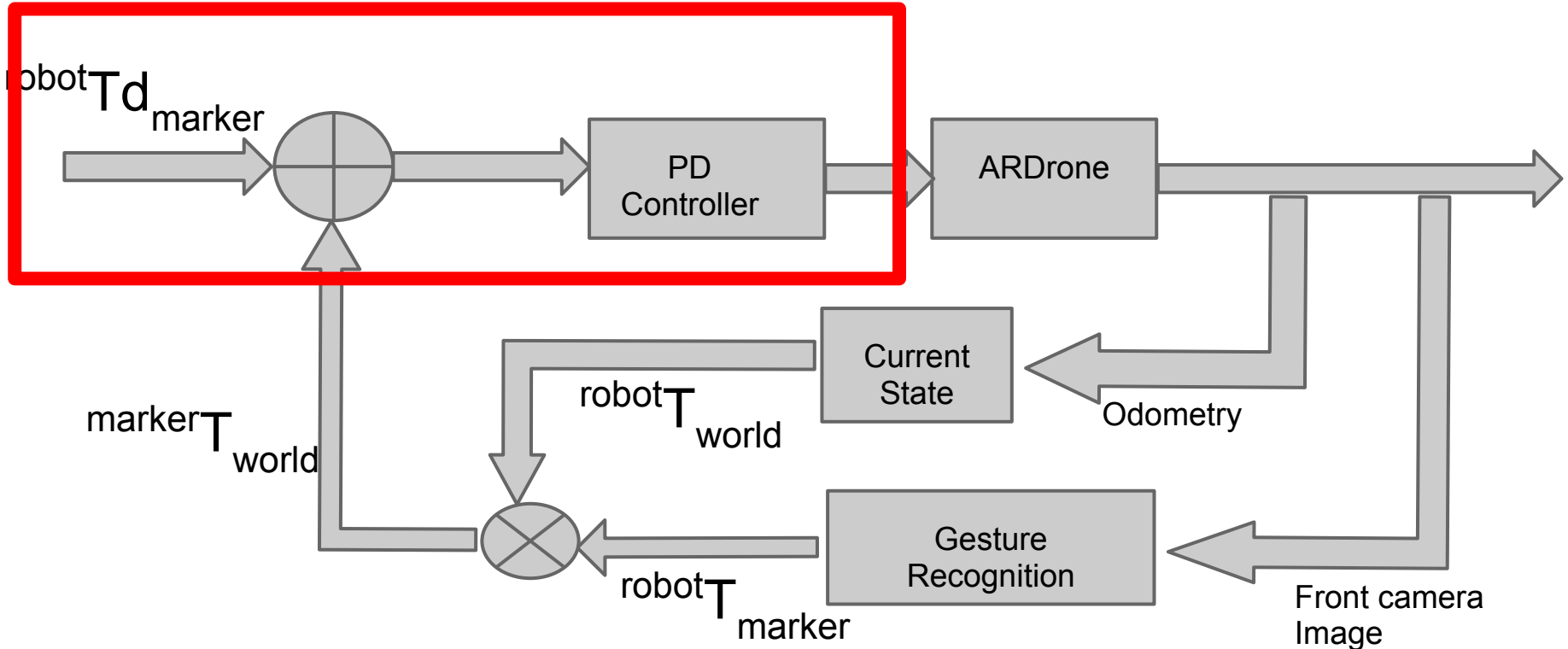


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# Progress so far...

Tried to implement basic marker detection and PD controller:



# Tasks that we completed:

1. Implemented PID controller.
2. Modified code from exercise three to detect marker position and send commands to the quadcopter.
3. Recorded a bag file using the front facing camera.

# But there were problems!

We couldn't get marker recognition working with the front facing camera.



We are in the process of trying to get this working.

# The Plan:

- Get marker detection using front facing camera working.
- Use marker movement in one axis relative to the quadcopter to control the quadcopter.
- Progress to two axes of control.

**Thanks!**

Questions?