



1. Identify the target
2. Identify "centre mass"
3. Calculate coordinates between target and centre of frame and send to pan/tilt mech
4. Decide if target is close enough to target to fire or not
5. Repeat 1-4 for each frame

It should do this by calculating how many steps the pan/tilt mechanism would need to traverse in both Pan/Tilt (X/Y) to get the target in the centre of frame.

The AccelStepper library being used to drive the stepper motors on the pan/tilt mech has lots of useful functions, but the pan/tilt mech process for receiving the coordinates from Jetson and then driving the mech to them needs to be done in tandem with Sian and Harshitha.

(<https://www.airspayce.com/mikem/arduino/AccelStepper/classAccelStepper.html>)