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Project Proposal

We would like to design in simulation, a path following program for the ARDrone. In Gazebo, we will use vision processing to follow a path of a given color until it reaches some sort of flag image that would trigger the command for the drone to land.

Secondary Goals

- Forcing the drone to search for the path rather than starting on the path
- Upon successful simulations of the above goals, we would then attempt the same goals in lab with the physical drones.