

Schedule for bachelor-thesis

Week 1: Finish literature research, familiarize myself with opencv/mavconn

Week 2: implementation for facial recognition (for target acquiring ?)

Week 3: Finish facial recognition, implement general target tracking (across frames)

--End of October--

Week 4/5: Sketch/Implement flight-control-logic and integration with the pixhawk for "single person in (empty) room" scenario

Week 6/7: enhance implementation with occlusion handling, integrate general object avoidance, implement simple predictor for target / obstacle movement

--End of November--

throughout December: improve robustness of system, "iteratively" improve algorithms, depending on progress/robustness: evaluate outdoor performance

--End of December—

January: for all those unforeseen little things that get added up along the way and require more time, and documentation etc