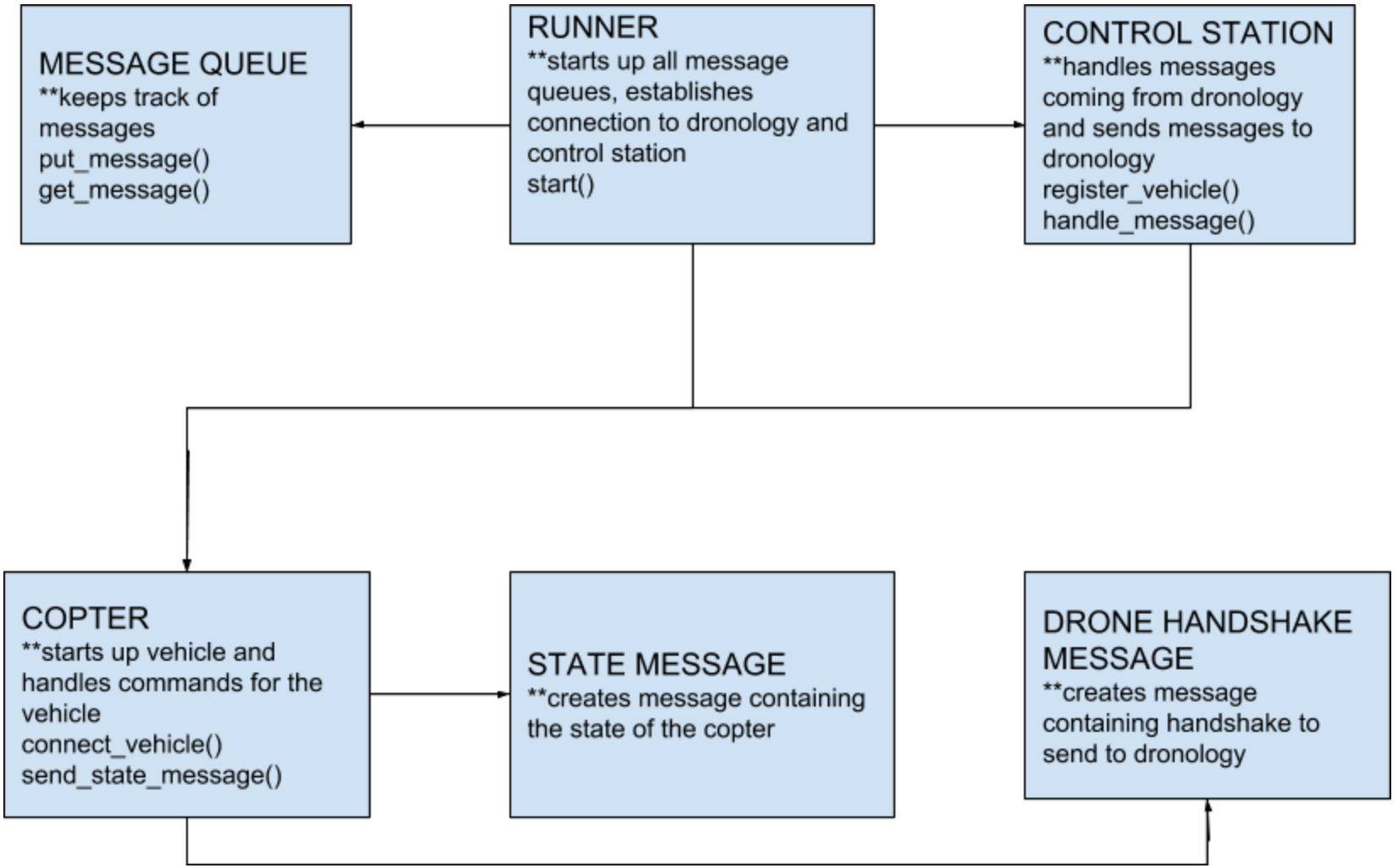
Katie Schermerhorn
Homework #3
Software Development for UAVs

GCS Class Diagram



Acceptance Tests

Test #1: UVA Registration
Preconditions: No preconditions
Steps: 1) Load dronology
Postconditions: Drone should appear over the stadium (predetermined location)

Test #2: Go-to
Preconditions: Drone has already been registered, drone has taken off and is in the air
Steps: 1) Select drone 2) fly to a waypoint
Postconditions: Drone flies and ends up in desired location

Test #3: Takeoff
Preconditions: Drone has already been registered, drone is on the ground
Steps:1) Load dronology 2) Select drone 3) Press takeoff
Postconditions: Drone rises in the air to predetermined altitude