Unit of Study	COMP3888
Team name	COMP3888_T15A_Group1
Project Name	Optimal Path for Drone Delivery
Project start date	Monday, 14/09/2020
Project end date	Sunday, 27/11/2020
Project point person	Nicholas Hui
Report Date	26/10/2020

Quick description	Improvement and testing of the algorithm, research controlling multiple drones in simulator.

Status item	Status up to last week	Planned for next week
Scope	Modification and improvement of the pathfinding algorithm Testing method for the algorithm Research and implementation of ROS to control multiple drones in the simulator	
Time	Slightly behind schedule with the testing of the algorithm, other aspects of the project are on schedule.	
Quality	The delivery of the presentation is good. More testing of the algorithm will be needed in the future.	
Planned Activities		Creating more test cases for the pathfinding algorithm. Modifying the algorithm for improvement.
Achievements	Pathfinding algorithm is able to visit multiple destinations, including battery life factor.	
Major deliverables	Generated some test cases for the pathfinding algorithm.	Generate more test cases for the pathfinding algorithm. Adding new features to the algorithm. More information and progress about ROS for multiple drones in simulators.

Major issues	The lack of testing on the pathfinding algorithm.	
Major risks	Lack of documentation about ROS for PX4 to control multiple drones.	
External dependencies	NIL	NIL
Estimated effort (h)	12hr/person	15hr/person
Recorded effort (h)	16hr/person (on average)	
Overall Status (RYG)	GREEN	