Module 6

Guidelines for Safety and Emergency Handling
Manual Control App – Battery Status Check

- You can check the battery life in the status bar.
- If the charge falls below 20%, please land the drone immediately and notify the supervisor, otherwise the drone might behave unexpectedly.
Manual Control App – Altitude Control

- You can check current altitude through the altitude indicator.
- While navigating the drone, you may freely adjust the altitude.
Manual Control App – Altitude Control

- But keep in mind that you are flying the drone indoors in a limited space.
- We advise you to stay between 0.0 – 2.2 m.
Manual Control App – Avoiding Obstacles

- While navigating the drone, you may also freely choose and set your own path.

- However, please do not attempt to crash into any obstacles on purpose.

- Crashing will result in the failure of the mission.
Manual Control App – Avoiding Obstacles

- It is up to you as a UAV operator to avoid visible obstacles as best as possible.

- Be patient, take your time to look around with camera, and find a suitable path.
Manual Control App – Collision Avoidance

- The drone is equipped with a simple obstacle collision avoidance system.
Manual Control App – Collision Avoidance

- If the system is triggered, your drone will start moving slowly. However, it will not completely stop the drone from hitting obstacles.
Manual Control App – Collision Avoidance

• Also, the collision avoidance system may not detect obstacles that are not shown on the map
  • Again, it is up to you to avoid obstacles.
Emergency Situations

- The flight shall be suspended in any of the following situations:
  - The camera feed malfunctions.
  - The drone malfunctions.
  - The drone is damaged.
  - The battery falls below 20%.

- At any point, you may voluntarily stop the experiment by notifying the supervisor.
Congratulations!

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End of Final Module