



# Module 2

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## Control App Interface

# Supervisory Control App

The screenshot shows a mobile application interface for drone flight planning. At the top, a status bar displays '100 %', a clock icon, '00:00 s', a vertical double-headed arrow, and '0.0 m'. The main area features a top-down map of a building layout with a red path connecting several waypoints (red squares with '00' in a circle) and a drone icon (red propeller) at the end of the path. A black arrow points from the drone icon towards the left, indicating its heading. A blue square in the top-left corner of the map is labeled 'Target'. A '2.0 m' dimension is shown on the left side of the map. On the right side, there are four control buttons: 'Takeoff' (grey), 'Execute Flightplan' (green), 'Pause Flightplan' (red), and 'Land Here' (grey). At the bottom of the map area, there is a 'Launch Inspection Mode' button. The interface is overlaid with several green callout bubbles: 'Target' points to the blue square, 'Waypoint' points to a red square, and 'Drone' points to the drone icon. A blue starburst graphic with the word 'IMPORTANT!' is positioned to the left of a callout bubble that says 'Heading = Direction indicated by the arrow', which points to the black arrow on the drone icon. The bottom of the screen shows a Google logo and standard Android navigation icons.

Target

Waypoint

Drone

Heading = Direction indicated by the arrow

IMPORTANT!

100 % 00:00 s 0.0 m

Takeoff

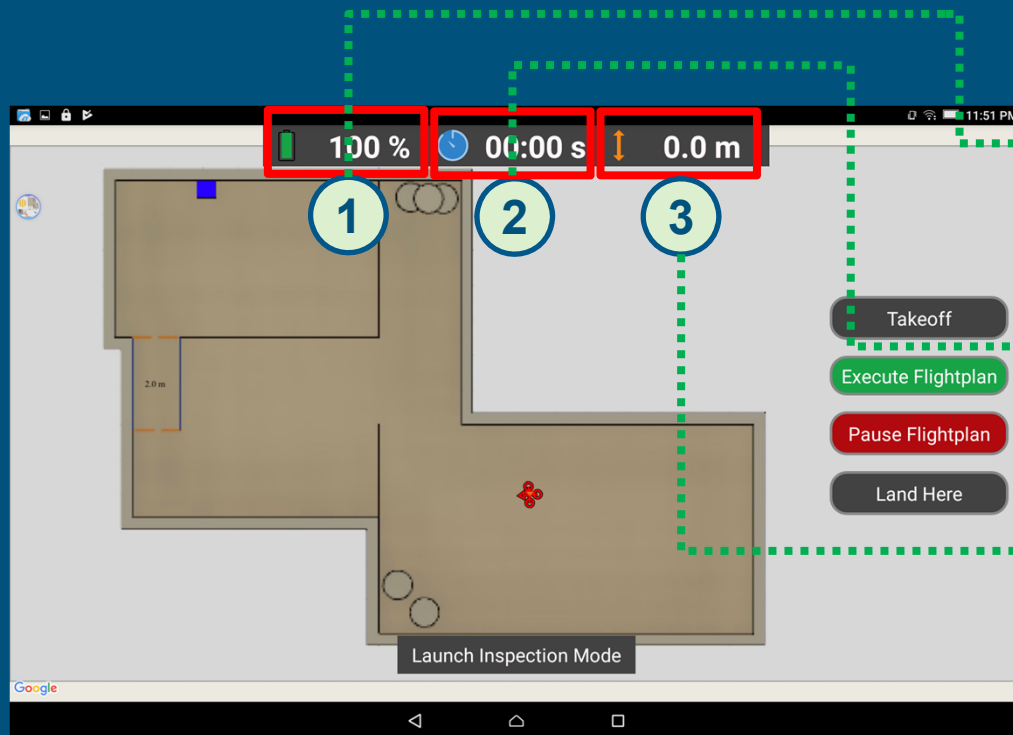
Execute Flightplan

Pause Flightplan

Land Here

Launch Inspection Mode

# Supervisory Control App



1. **Battery Status**  
: Displays the battery charge (in percentage).
2. **Flight Time Record**  
: Shows the flight time since takeoff (in seconds).
3. **Altitude**  
: Shows the current altitude of the drone (in meters).

# Supervisory Control App



## 4. Takeoff Button

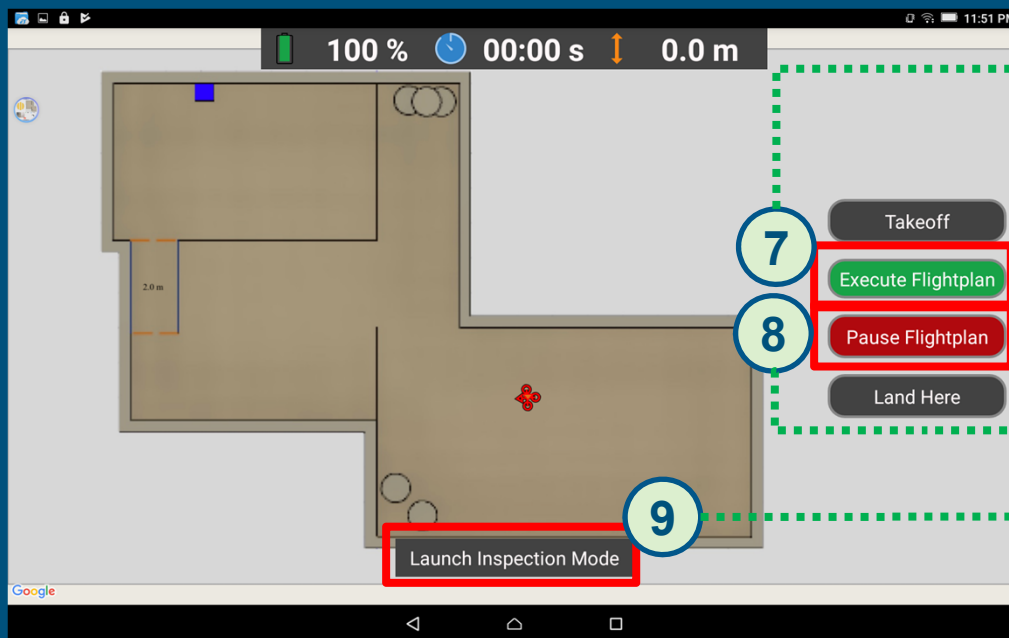
: Turns on the drone and the drone takes off immediately.

## 5. Land Here Button

: Drone lands at the current position and turns off.

# Supervisory Control App

*Flightplan* : Set of waypoints that specifies the drone's path



## 7. Execute Flightplan Button

: Carries out flight plan based on currently set waypoints

## 8. Pause Flightplan Button

: Pauses current flight plan

## 9. Launch Inspection Mode

: Launches inspection mode

# Congratulations !

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End of Module 2