

Q2.

Close to AP

RSSI: -28

5ft from AP

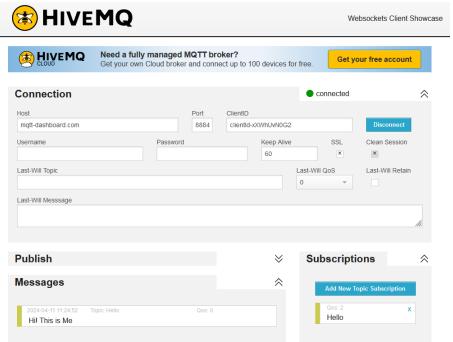
RSSI: -43

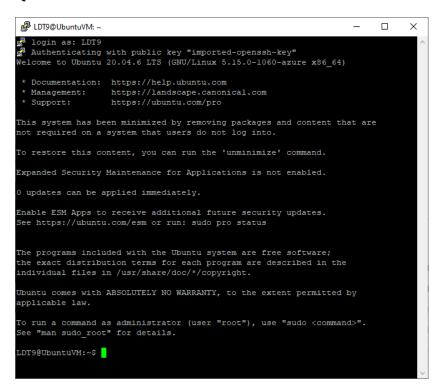
10ft from AP

RSSI: -55

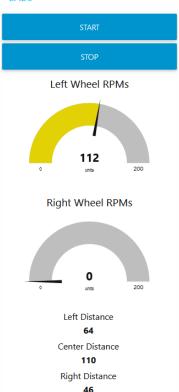
 ${\it RSSI}\ gets\ more\ negative\ as\ AP\ gets\ further\ from\ robot\ and\ the\ relationship\ is\ non\ linear.$



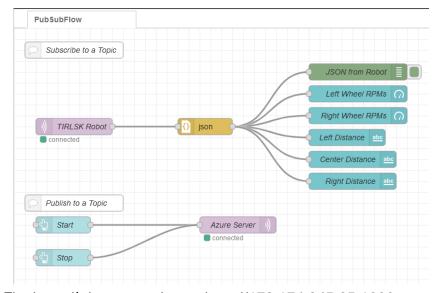




LAB6



My Web App has 2 buttons to stop and start the robot. It has 2 gauges to show the RPMs of the left and right motors. It has 3 text outputs to show the left, center and right distances from the distance sensor.



The hyperlink to my web-app http://172.174.245.35:1880