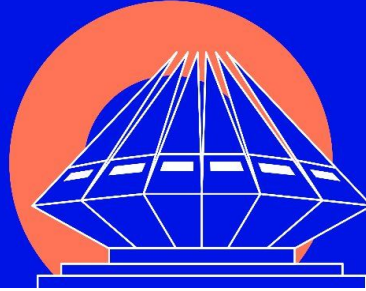
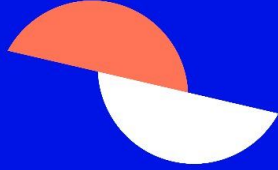


16-18
november
dc kenya
22

droidconkenya



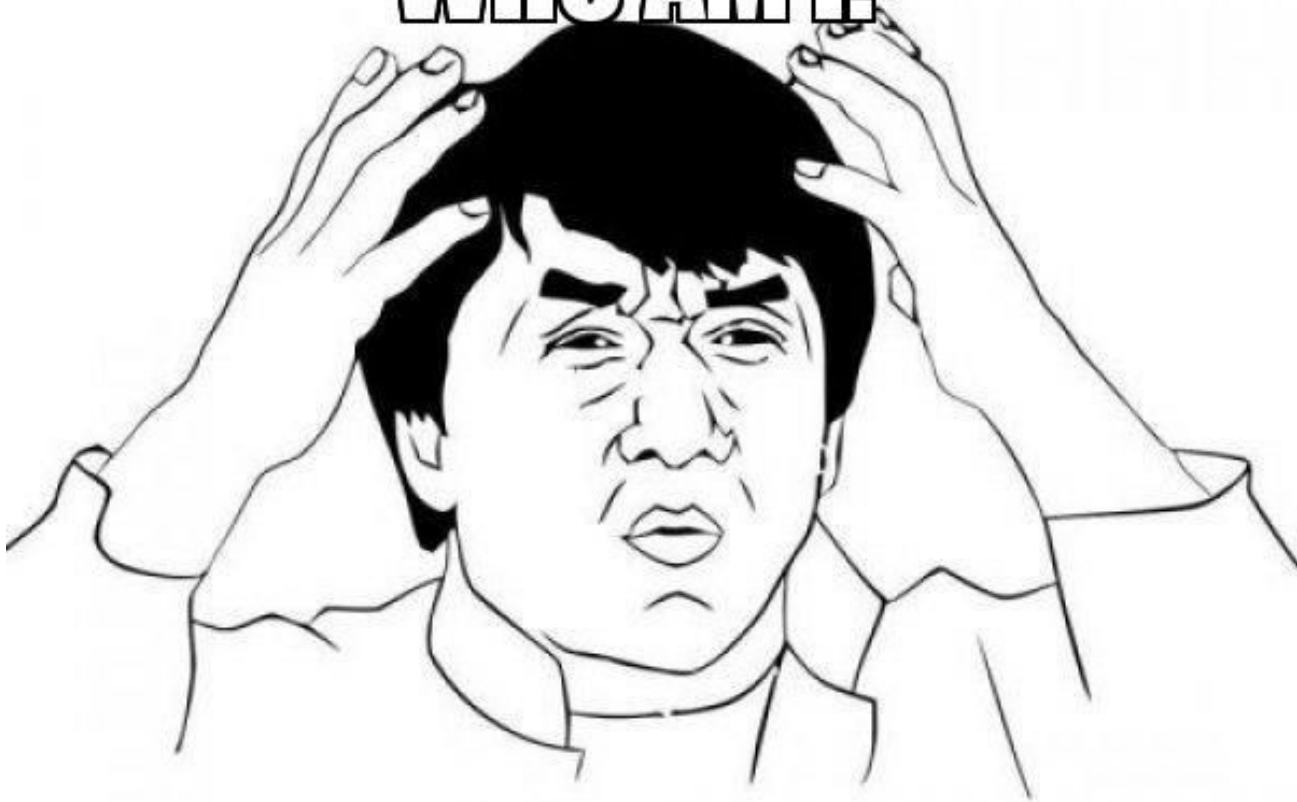
Controlling Holonomic and Omnidirectional Robots Using Android

droidconke



Osodo Rodney
Mechatronics Engineering Student

WHO AM I?



- Student
- TikToker
- Youtuber
- Writer
- Hobbyist

rodneynosodo.com





Tik Tok



OUTLINE

- Definition
- Why this robot?
- Omicron
- Flutter App
- Demos
- Questions

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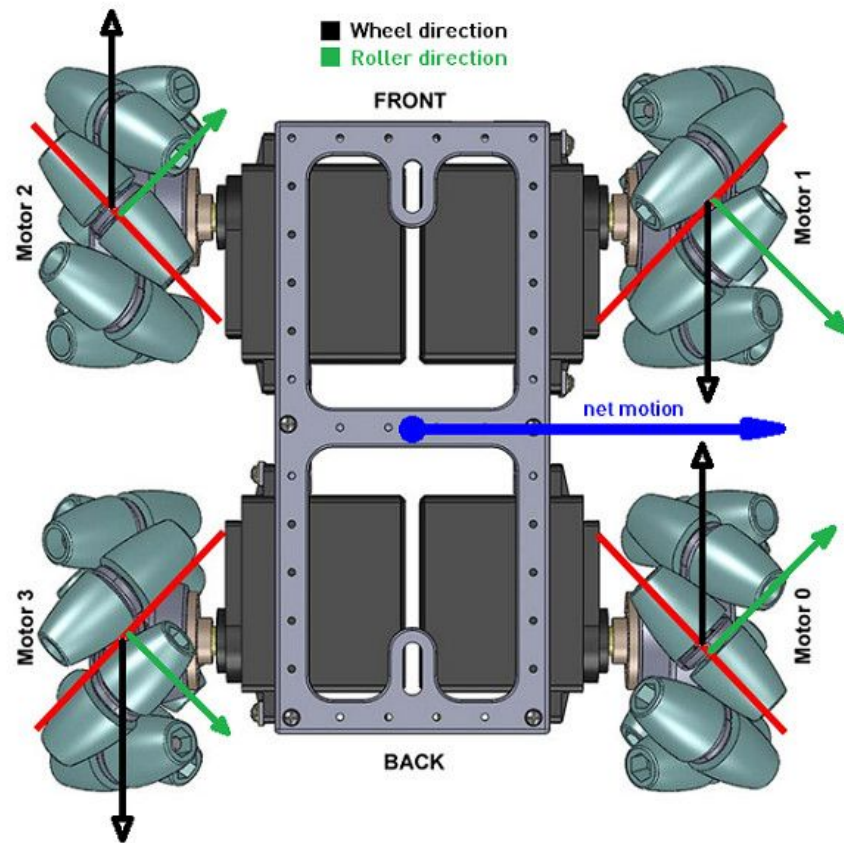
Control



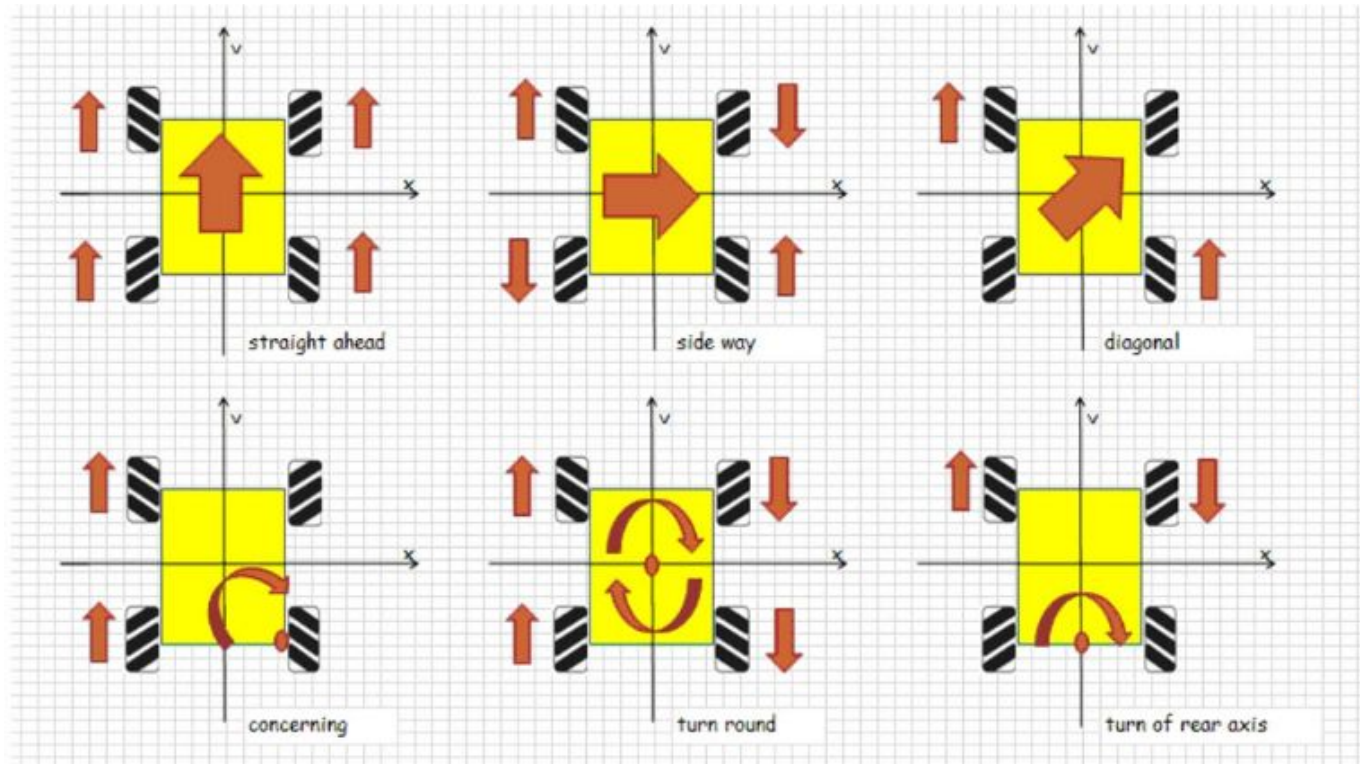
Caster Wheel

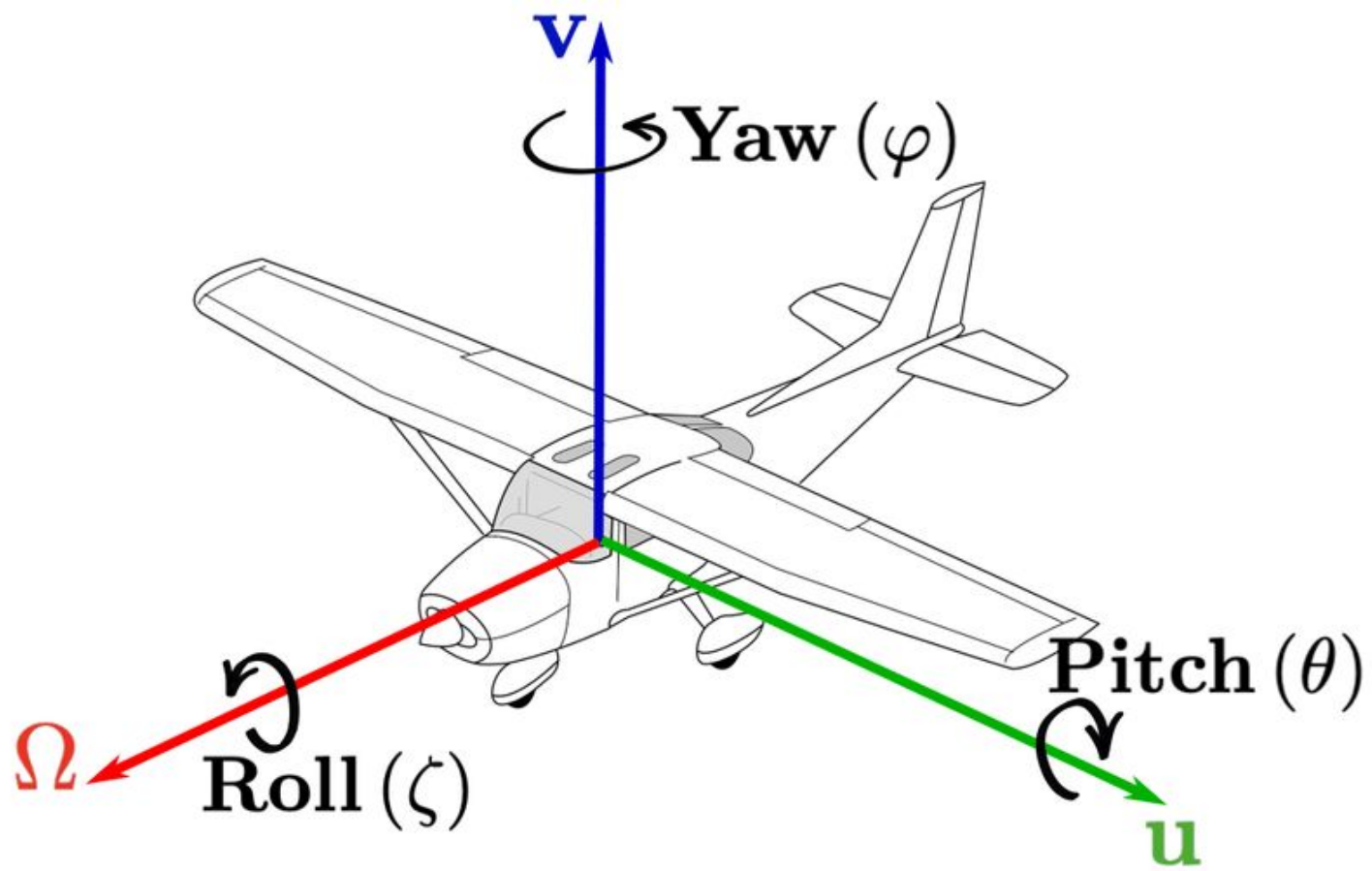


Holonomic motion



Omnidirectional Motion







**NOT SURE IF I CANT
UNDERSTAND**

**OR ITS NOT
UNDERSTANDABLE**

OUTLINE

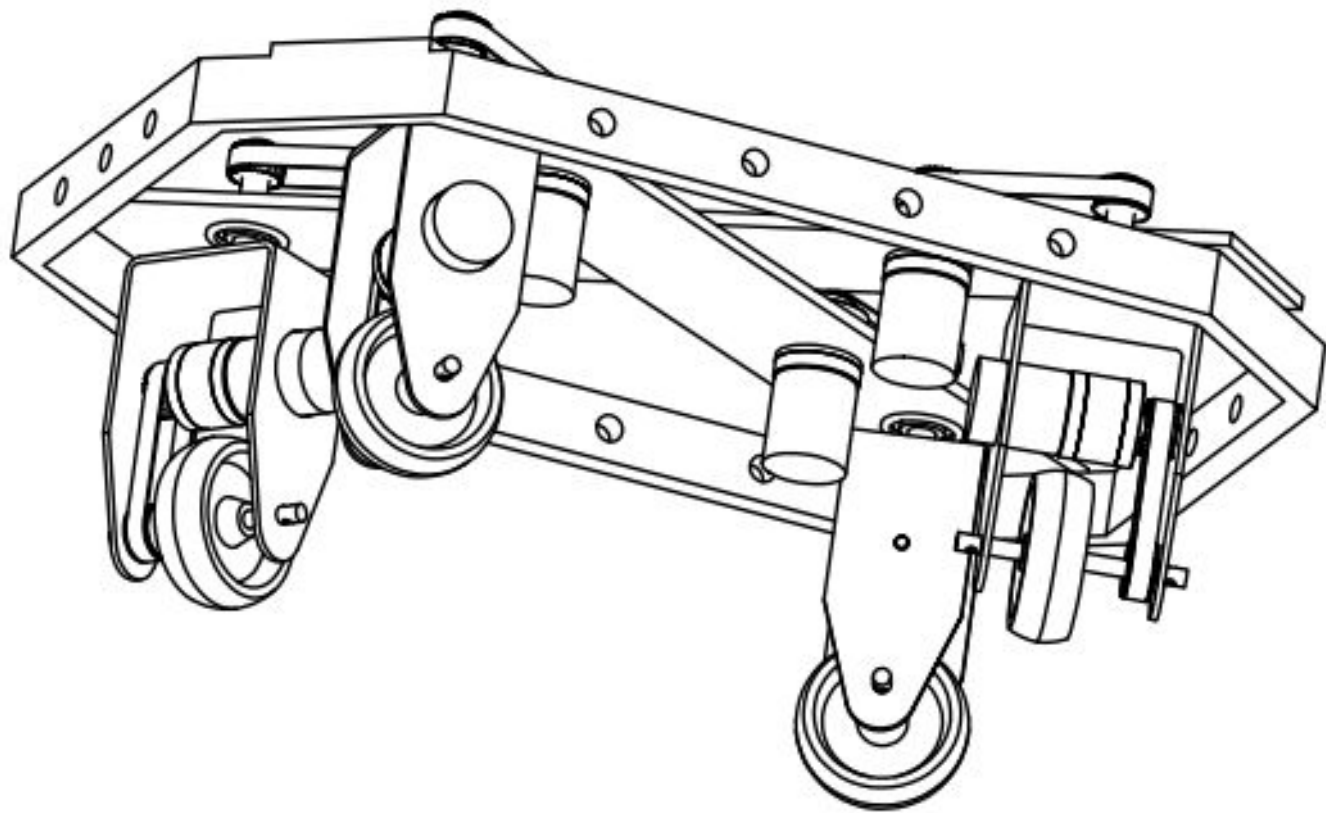
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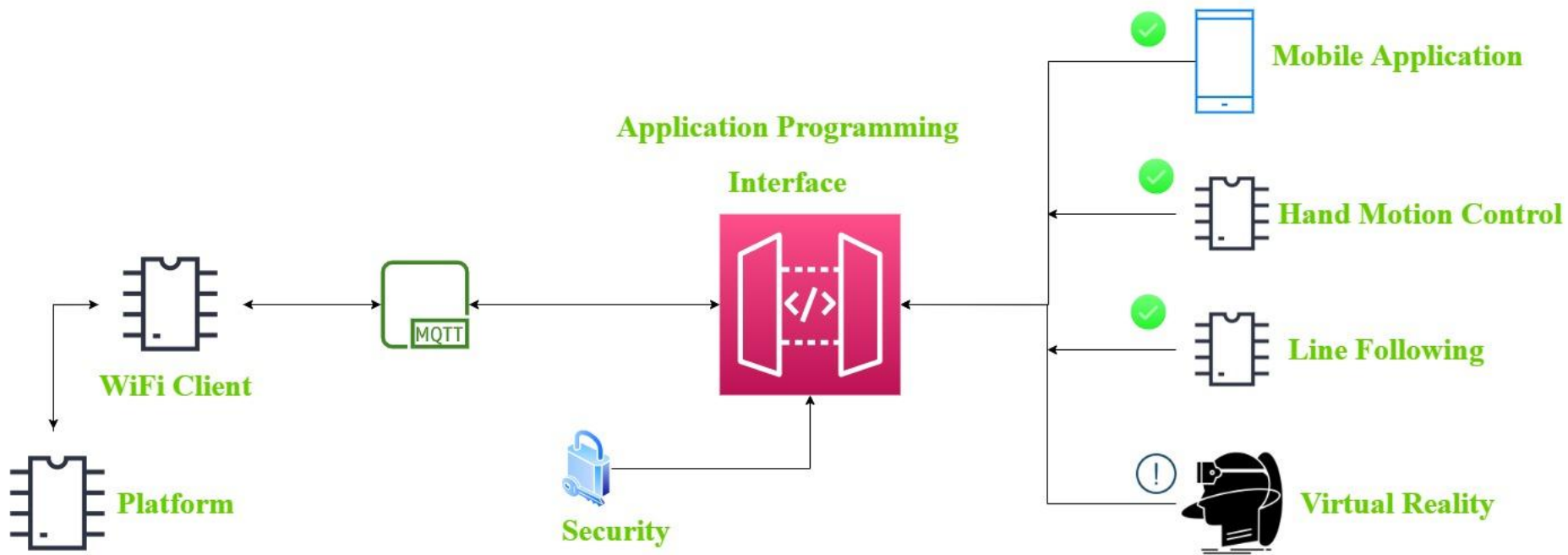




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10:31



Welcome to Omicron

Protocol

http

Endpoint

http://omicron.rodneynosodo.com/api

Setup

[Guide?](#)

[Privacy](#)

10:31



START

STOP

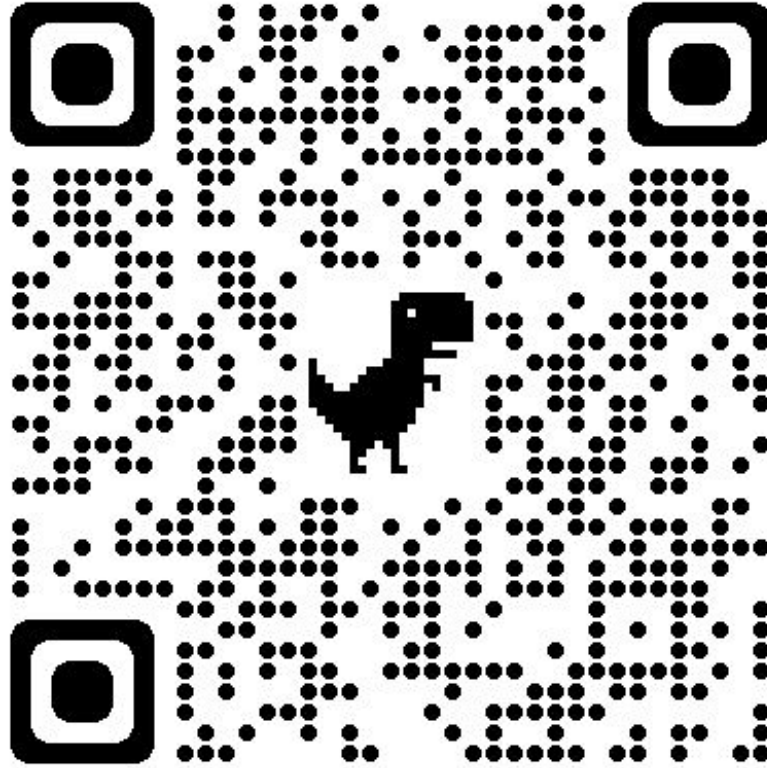
REPLAY



01/10



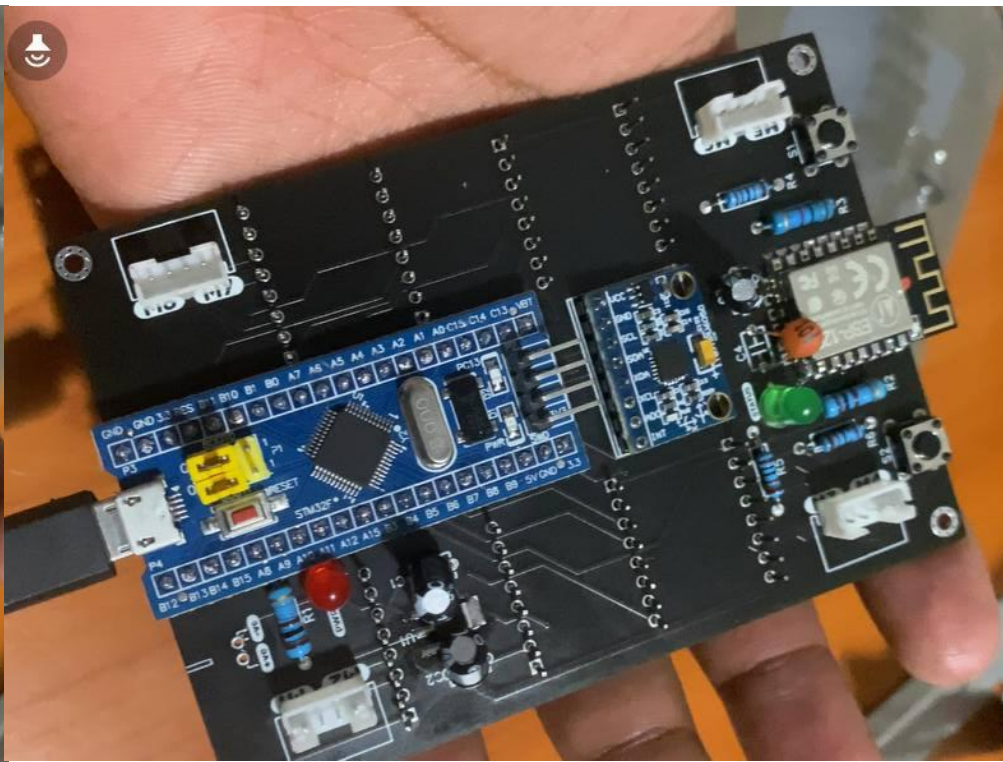
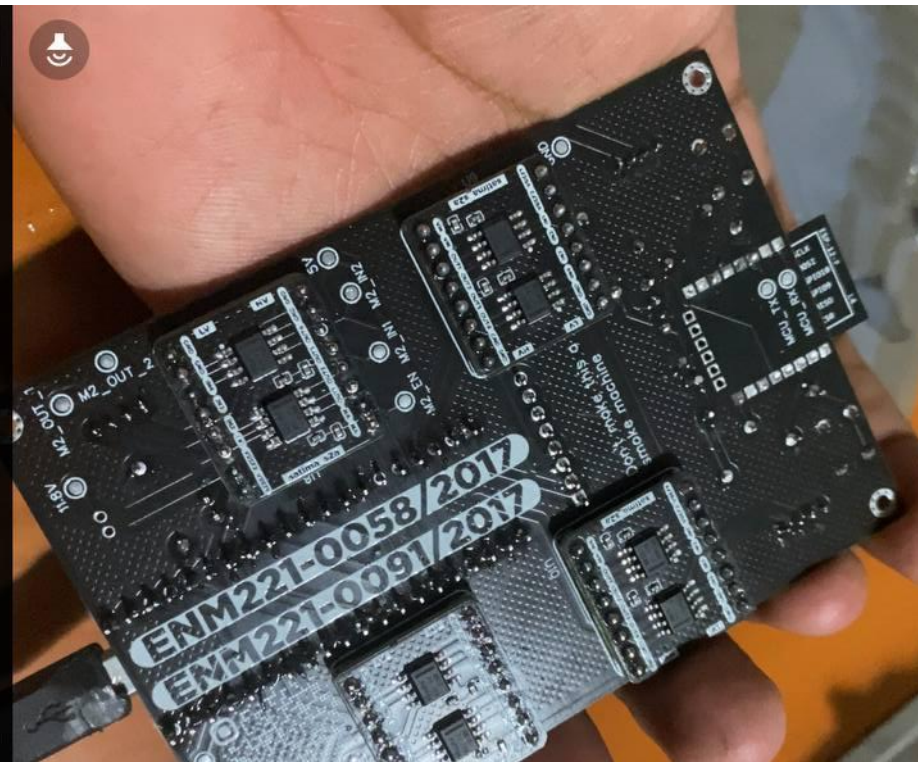
Robots Assemble

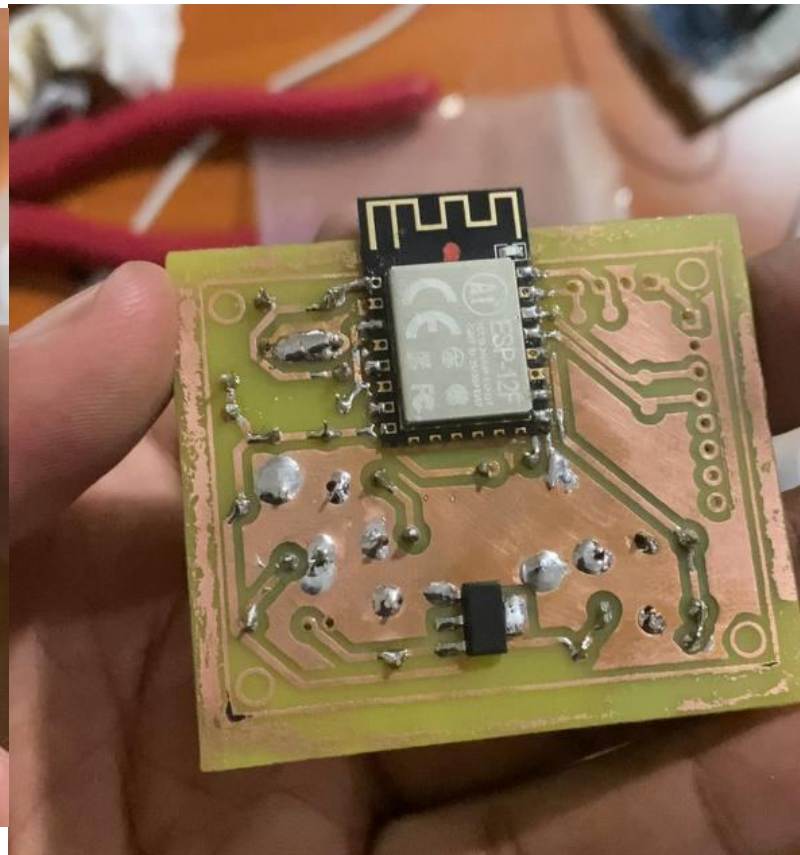


<https://github.com/omicronrobot/flutterApp>

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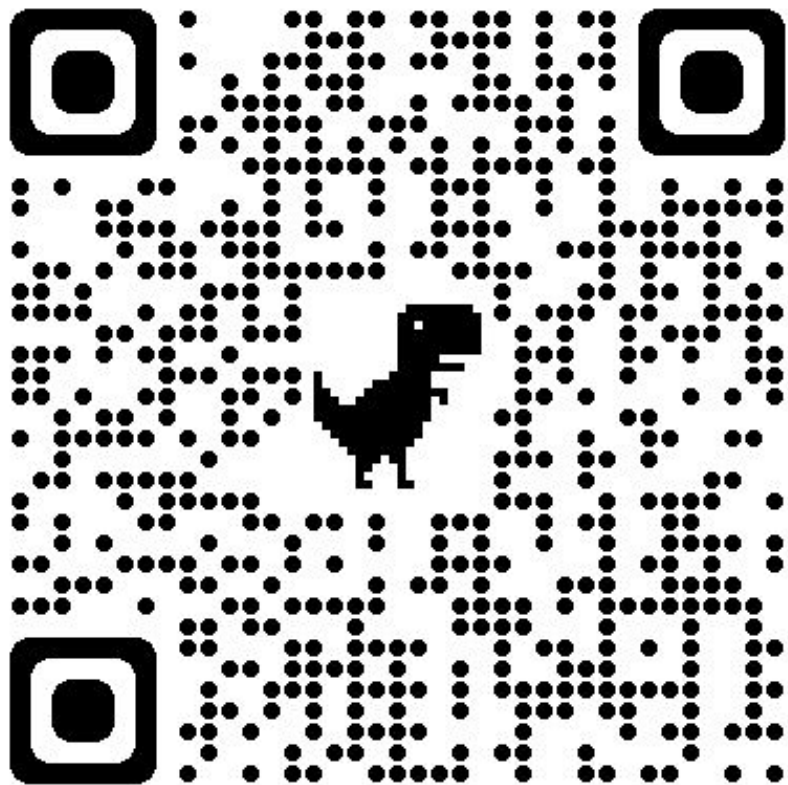






“I don’t know anything about life, but I know something about Holonomic and Omnidirectional Robots.”

Rodney Osodo



devfest 2022



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THANK YOU FOR LISTENING

QUESTIONS ?