MPW7 SUBMISSION

- **Workflow Plan**

INFORMATION

- **NAME**: AI Light Dimmer

- **PURPOSE**: AI model will adjust the lighting of the room based on luminosity level after detecting presence of a person.

- **ADVANTAGE**: Saving electricity.

AI ALGORITHMS

- **PERSON DETECTION**: You Only Look Once (YOLO)

HARDWARE REQ.

- Camera
- RISC-V SoC

OVERVIEW