**SOFTWARE REQUIRED**

Argparse

Sys

Time

Cv2

Mediapipe

Utils

Picamera2

Flask

OS

Tensorflow

Numpy

Sklearn

**HARDWARE REQUIRED**

Raspberry Pi 5 Model 16 (16 GB)

Raspberry Pi AI Kit SBC2197

Raspberry Pi Camera with Sony IMX500

Raspberry Pi Camera Cable

1. DOF Robotic Arm

Synthetic Gripper for tomato

52Pi Raspberry Pi 5 Aluminum Case with Cooling Fan

SanDisk 64GB Memory Card

Raspberry Pi Charger