

Body part circumference shape

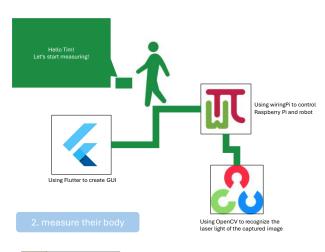




Automate measurement process by the machine







- - Move the laser light and camera unit to appropriate height
 Turn on the laser light
 Recognize the light using OpenCV



葉村さん、こんにちは こんにちは 葉村ではありません

測定結果はこちらです 太もも: 51.5[cm] ヒップ: 90.5[cm] ウェスト: 75.3[cm] わかりました

This GUI program is not only showing the interface, but it also connect directly to the program that works the robot



- 1. To use the GUI, the user can control the measuring
- robot
 It allow use to save their time
 The instructor will be need not to care the client

The measuring system is measuring the body length like thigh, hip, waist, belly to use laser light. And recognize the length using camera and process the OpenCV. The robot is worked by wiringPi programs.

This system had created already, but it didn't have user friendly interface to control it. It only control from CLI. So, we rewrote the main programs to connect to the Flutter which generate GUI.

Despite our progress, certain challenges remain, and we are committed to ongoing refinements to enhance the overall quality and performance of our measuring system.