Smart Baby Care

System Programming 18-1 Team Project
김택림, 김하람, 배현성, 전지원

For **all parents** who want to be assured their **baby is safe**!
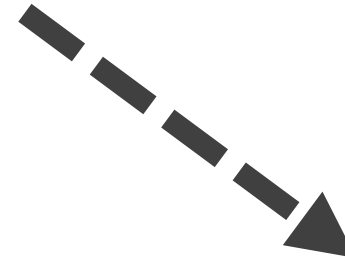
Specification

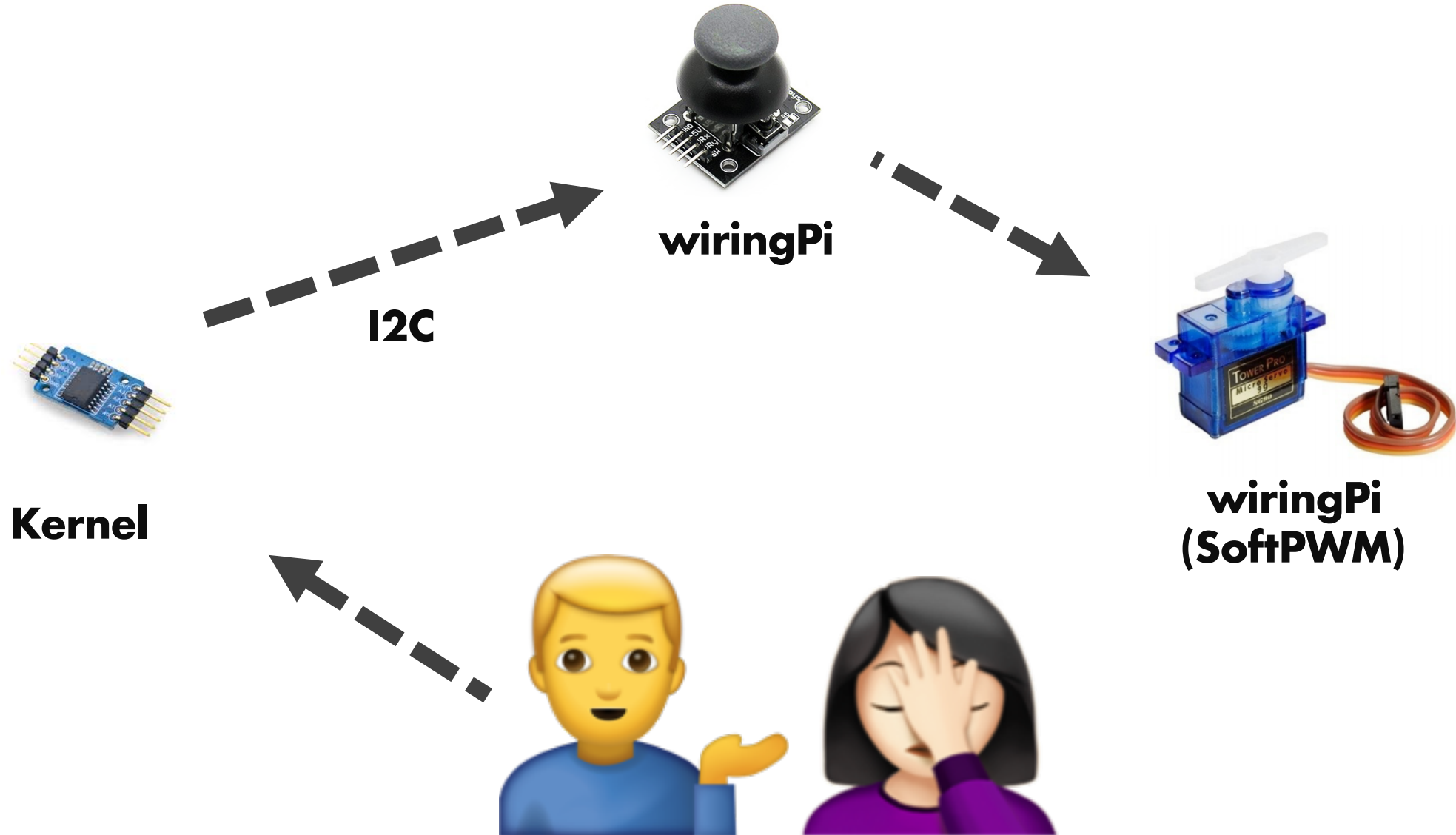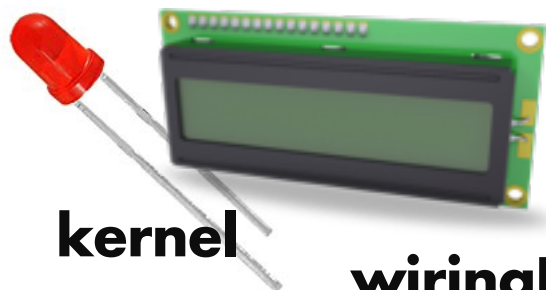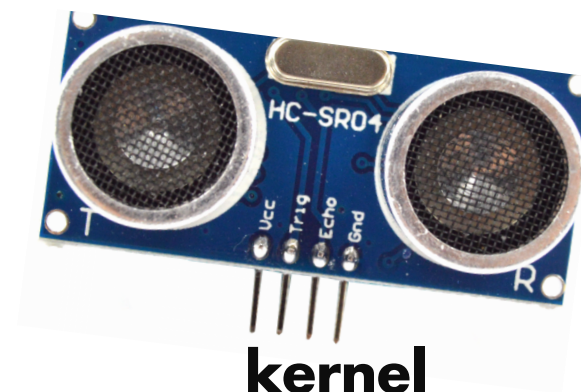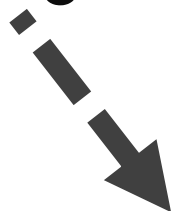|	Server	Client
Rpi Model	Raspberry Pi 3 B+	Raspberry Pi 3 B+
Operating System	Raspbian	Raspbian
Kernel Version	4.9.80-v7+	4.9.80-v7+
Module Used	1. Button 2. Camera 3. Servo Motor 4. ADC	1. PIR 2. Ultrasonic 3. Humidity-Temperature 4. LCD 5. LED
Web Server	Apache	

Server

Client

wiringPi
(SoftPWM)

Socket Communication

kernel

Kernel

I2C

wiringPi

wiringPi
(SoftPWM)
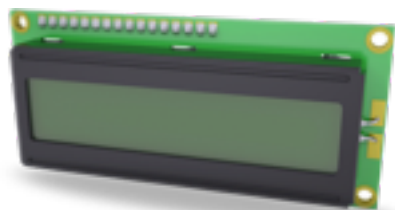
kernel

wiringPi

kernel
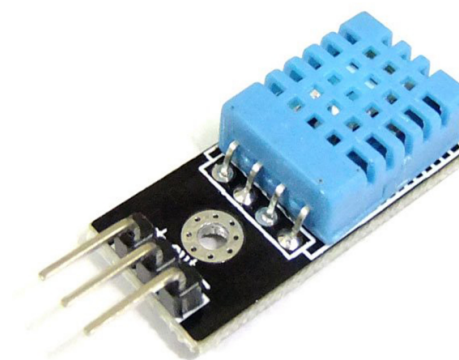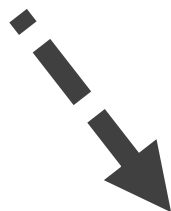
wiringPi

wiringPi
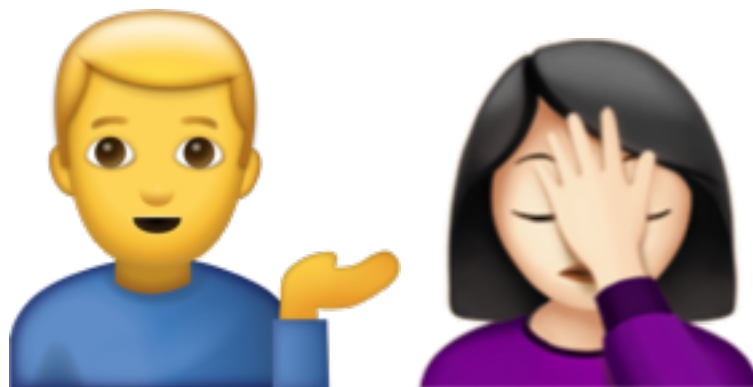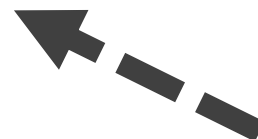
kernel

wiringPi
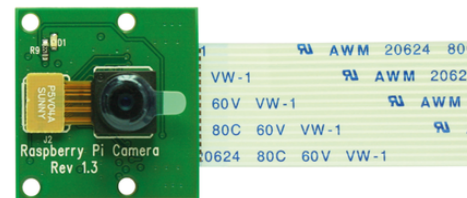
Role

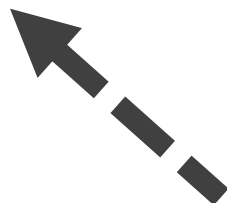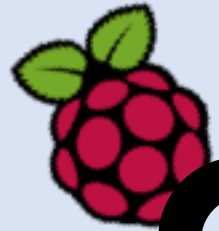|	
김택림	LED, Ultrasonic, LCD, Client Socket
김하람	Camera, Server Socket, Motor, Web Server
배현성	Joystick, Motor, Button, ADC, presentation
전지원	PIR, Humidity-Temperature, Web Server, ppt
🌟**Team Work**🌟	1. Debugging 2. Connecting all the modules, Rpis 3. Searching for References 4. Staying up all night 5. Great Communication 6. Everyone Fully engaged 7. Confilct Management **8. ... Mountain of work for successful Team Collaboration!!!**

Q & A