



翻滾吧！迷因！ 親戚佳節防禦系統

2023 MakeNTU 一半脫魯一半魯

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作品動機



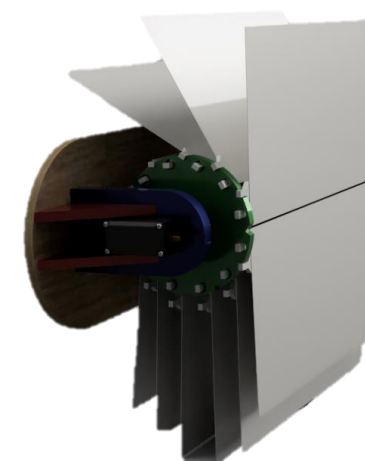
過年佳節尷尬的親戚話題
不知如何回應的長輩關心

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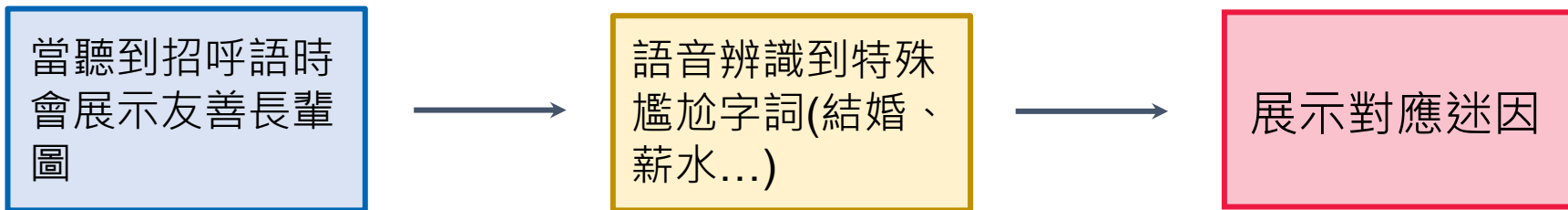
轉移焦點的酷炫迷因和
RGB LED

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胸前穿戴式
隨機迷因

作品亮點



- 語音辨識使用邊緣計算：低延遲、高效能、低功耗
- 多應用場景：迷因噴射機、互動式教具、寵物玩具
- PSoC、多數裝置網路通訊：相容性高，可持續增加感測器及功能



搭載開發版

A 3D rendering of a mechanical device. It features a central green circular component with a blue U-shaped part and two red horizontal bars. This central assembly is mounted on a brown circular base. To the right, a large white rectangular panel is attached to the green component via a thin black line. The panel has several vertical slots at its base. The entire assembly is shown from a three-quarter perspective against a light gray background.

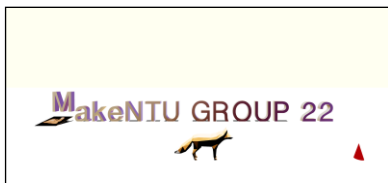
迷因卡紙

機械輪軸、培林



PSoC CY8CKIT

- Voice detection
- Edge computing
- Wi-Fi udp connection



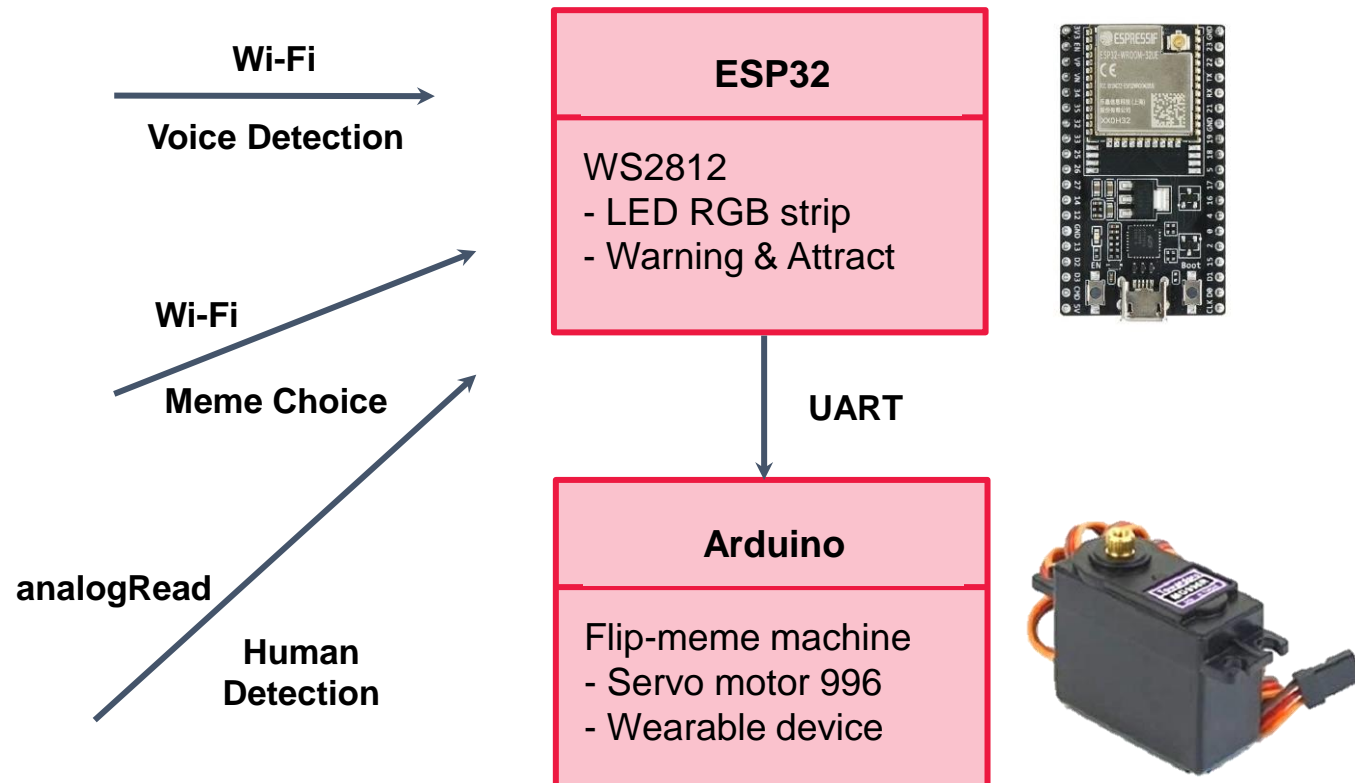
Website

- Meme choosing
- Good UI Design

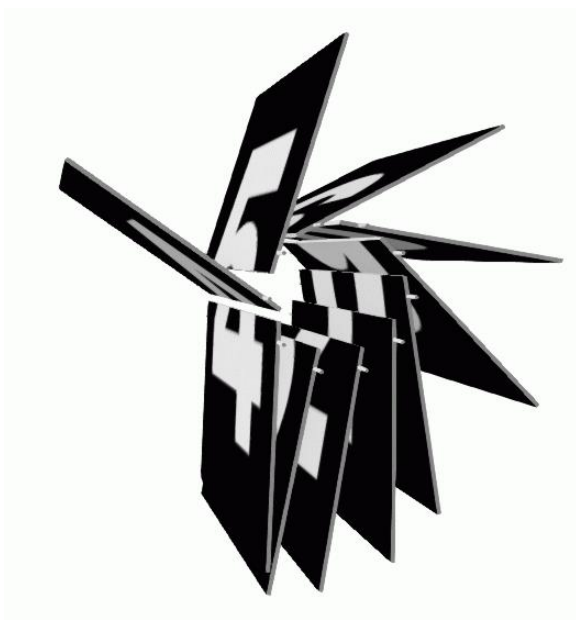


XENSIV 60GHz Radar

- Small radar
- Human Detection



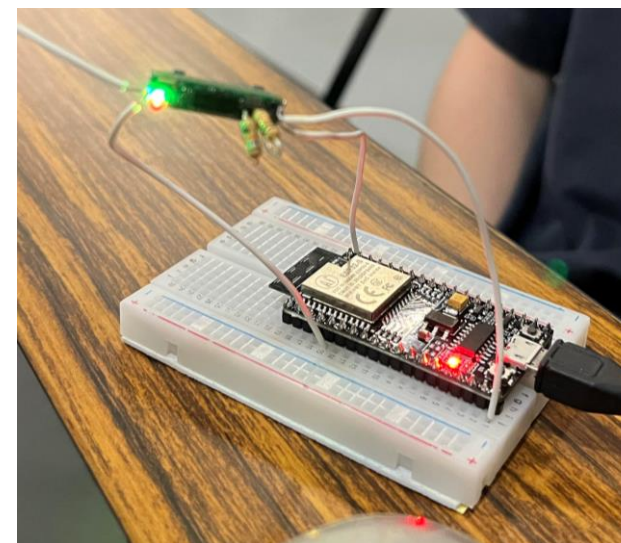
作品架構細節



Flip clock machine



3D website UI



Resistor reconfiguration
of XENSIV radar

未來展望

- 迷因卡紙替換成柔軟的電子紙顯示器，實現真正的穿戴式裝置
- 服裝上、生活中的永續：一件衣服可以顯示多種想法
- 多應用場景：安全性提醒、互動式教具、寵物玩具



DEMO



[網頁demo](#)



Thank You!

