

實習成果發表

資工16倪宏志

- **1. EMBEDDED SYSTEM**
- **2. PRODUCT PLANNING**
- **3. RASPBERRY PI**

HOW TO VALUE A PRODUCT ?

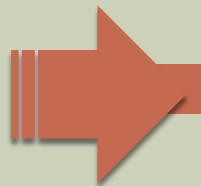
- In the eyes of designer
- In the producer point of view
- Big company & Small company

KICKSTARTER VS INDIEGOGO

	KICKSTARTER	INDIEGOGO
Average project size	big	medium
Request	Strict (they even has their own standard and might help some project promising)	Loose (none)
Funding policy	Get all or get nothing	1. Set several goals to achieve 2. Get all or nothing
Time limit maximum	90 days (kickstarter not recommend)	60 days
Success rate	10% no funds 80% raise more than 20% of their goals	80% fail to raise 25% (data untransparent)
Fee	Succeed 5% fail 0%	Succeed 4% fail 9%
Traffic monthly	5.5M US	919K US

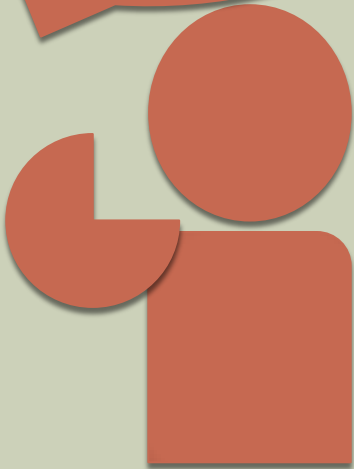
CONTINUE

- Embedded System
- Product Planning

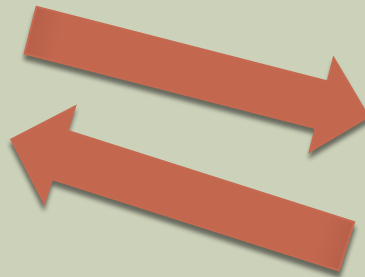
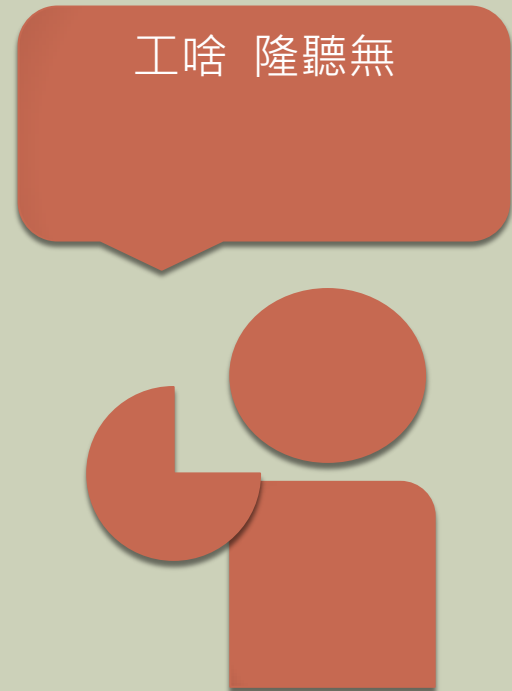
 Raspberry Pi

PROBLEM

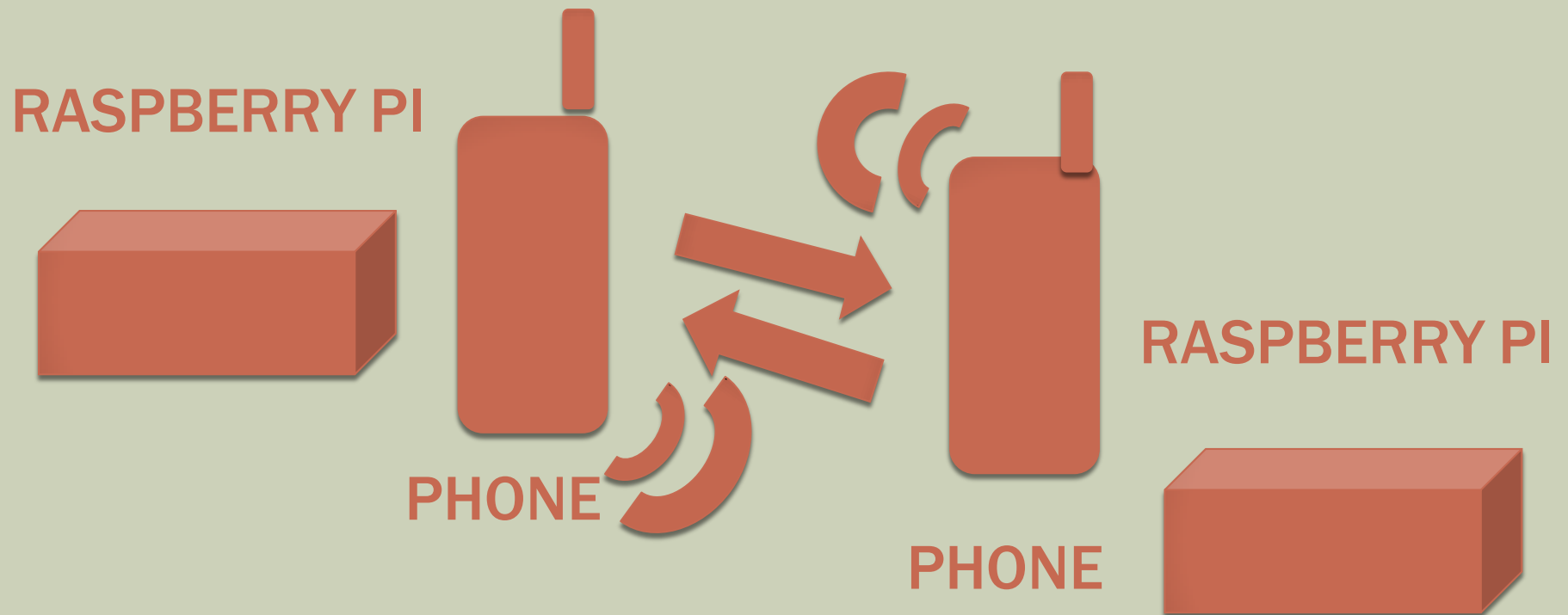
First, pressed
the button on
the right of...



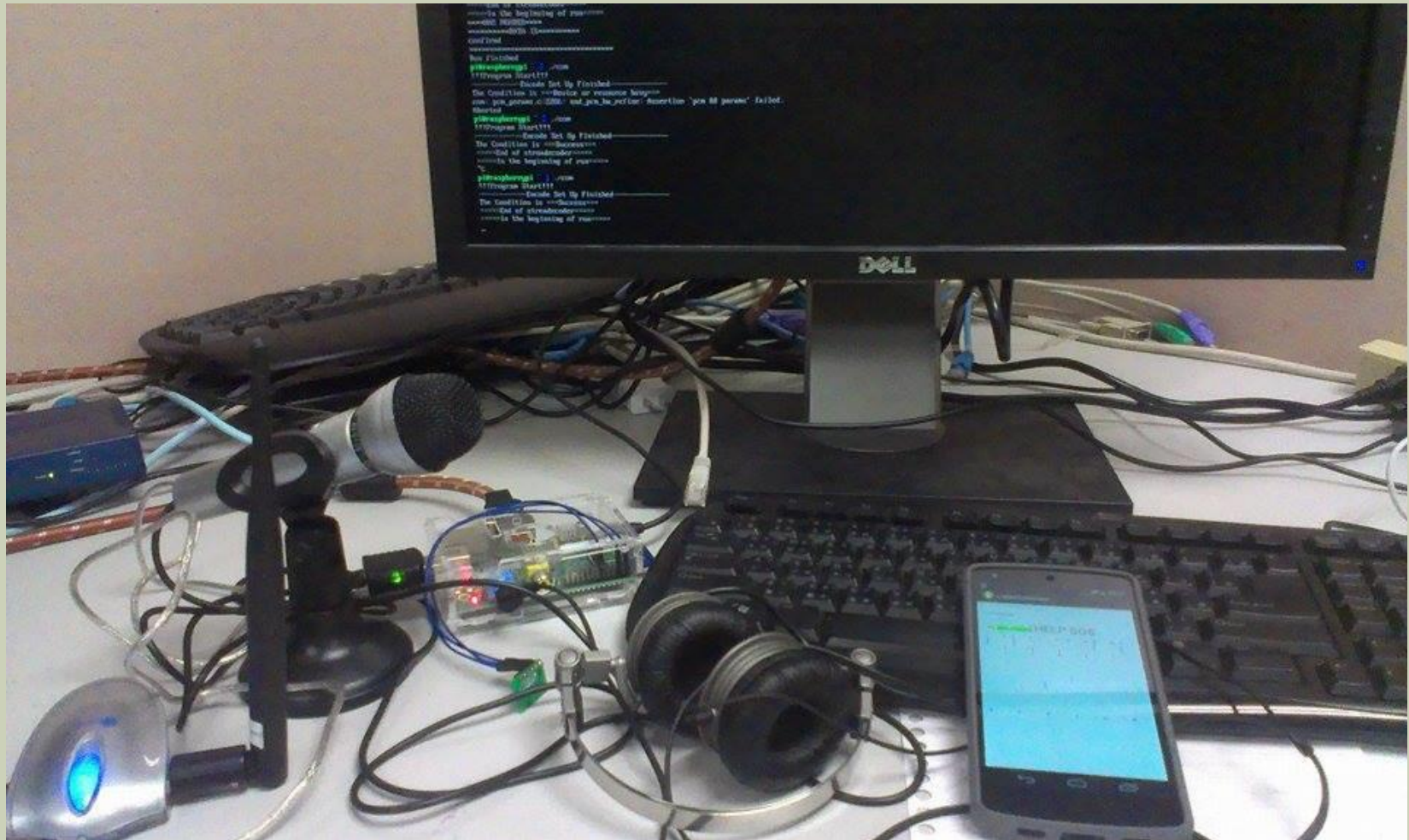
工啥 隆聽無



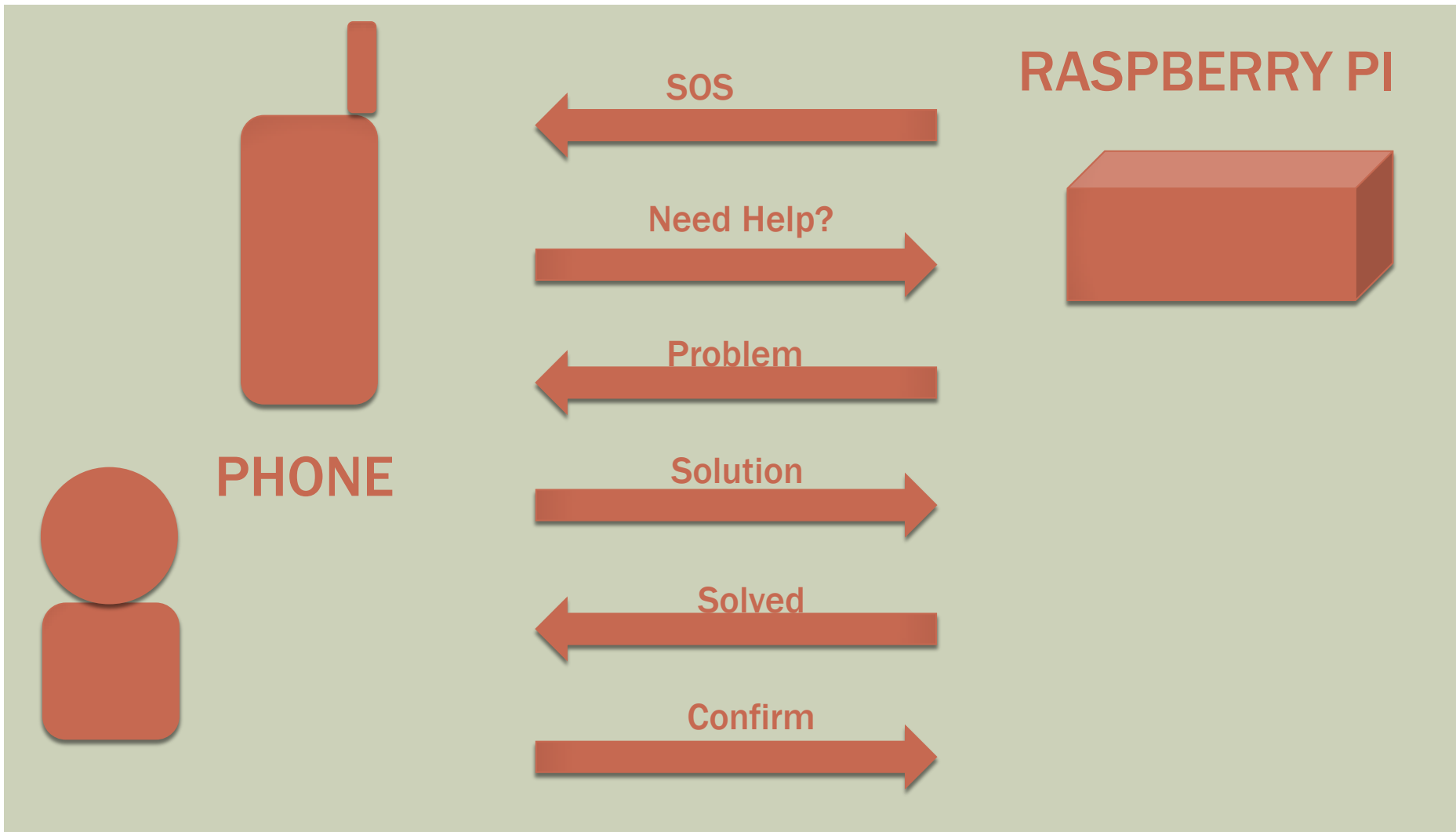
SOLUTION : SOUND



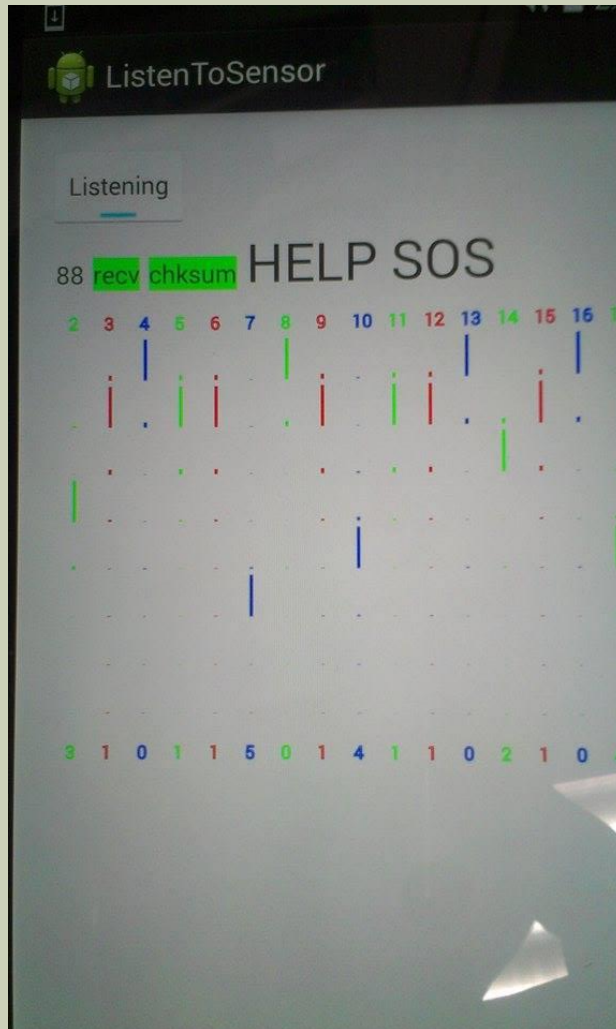
MY TOOLS



CONDITION



SOS

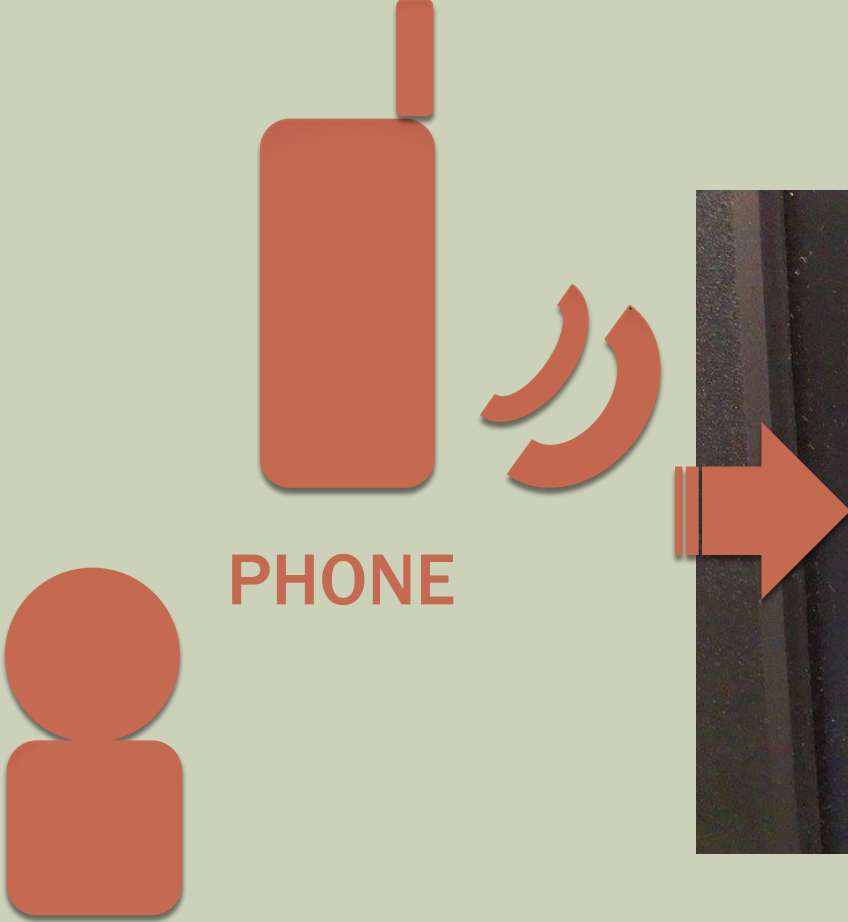


RASPBERRY PI



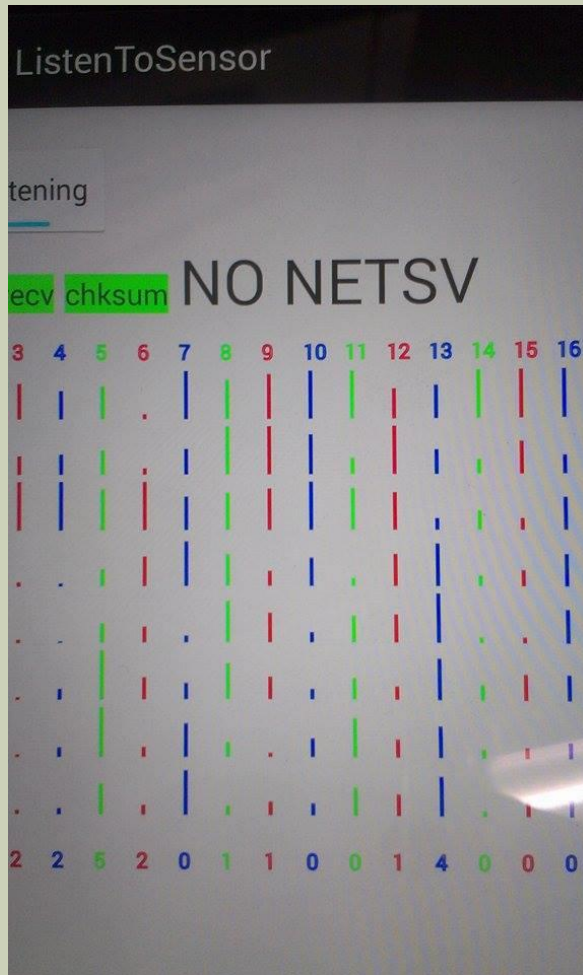
NEED HELP?

PHONE



```
!!!Program Start!!!  
-----Encode Set Up Finished-----  
The Condition is ===Success===  
=====End of streadeocoder=====  
=====In the beginning of run=====  
****HAS HEADER****  
*****DATA IS*****  
need hp?  
*****  
Run finished  
-----Encode Set Up Finished-----  
The Condition is ===Success===  
=====End of streadeocoder=====  
=====In the beginning of run=====
```

PROBLEM

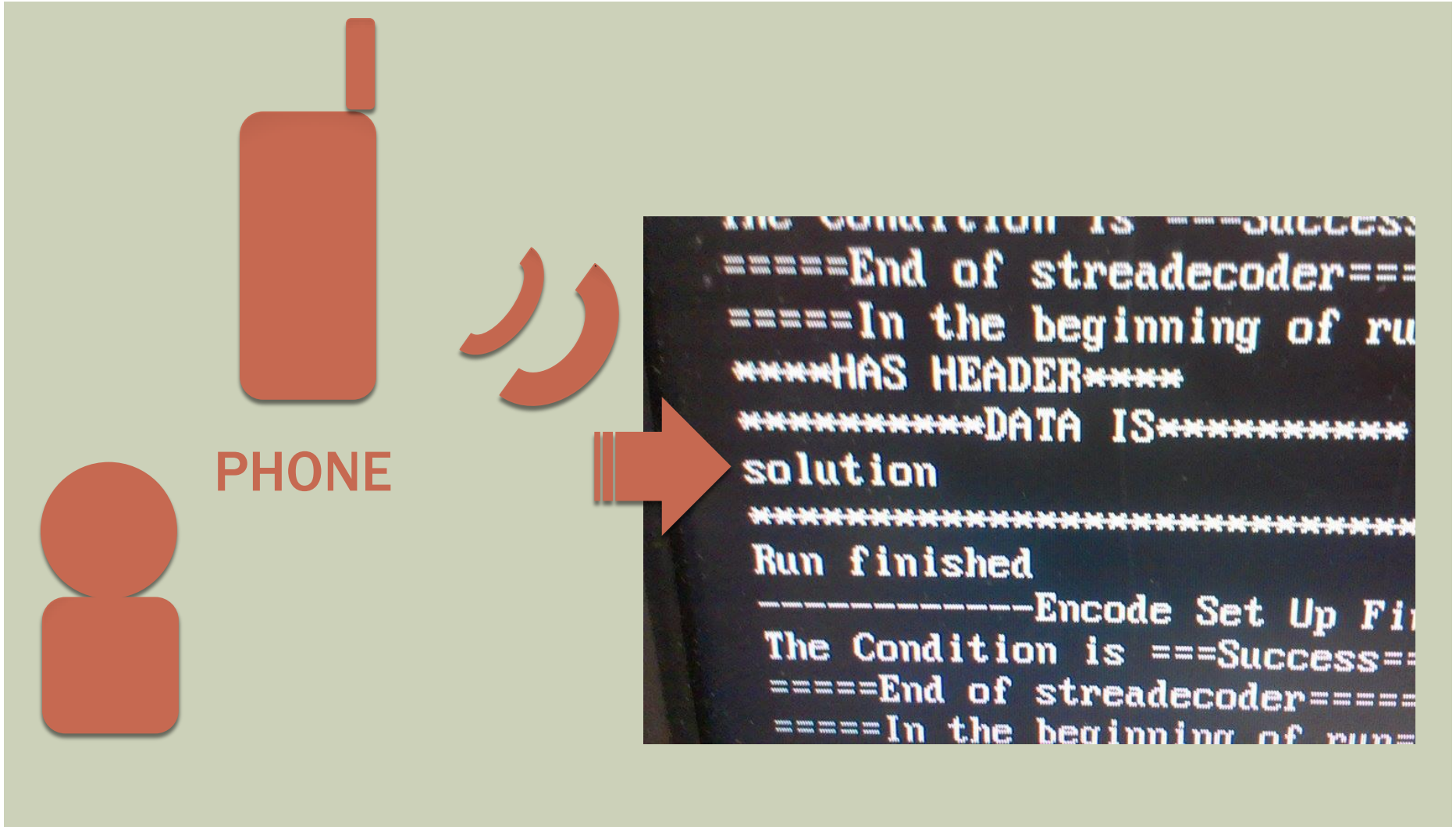


RASPBERRY PI



SOLUTION

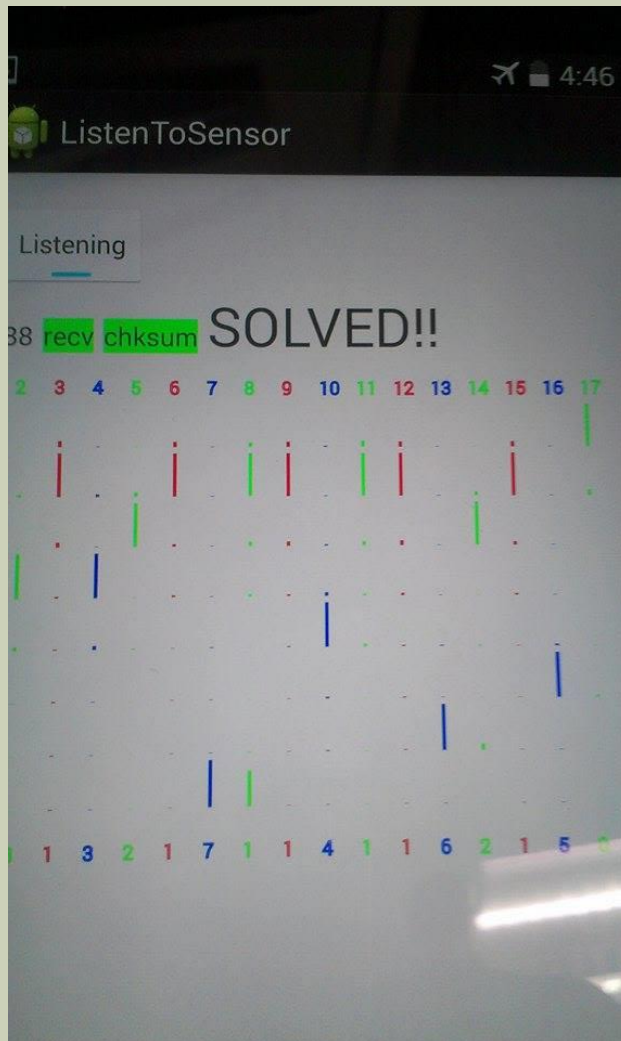
PHONE



The diagram illustrates a workflow. On the left, there is a stylized orange icon of a person and a larger orange icon of a mobile phone. The word "PHONE" is written in orange text next to the phone icon. In the center, there are two curved orange arrows pointing from the phone icon towards a terminal window on the right. A large orange arrow points from the terminal window back towards the person icon. The terminal window has a black background with white text. The text in the terminal window is as follows:

```
the condition is ===Success===  
====End of streadeocoder====  
====In the beginning of ru  
*****HAS HEADER*****  
*****DATA IS*****  
solution  
*****  
Run finished  
-----Encode Set Up Fi  
The Condition is ===Success===  
====End of streadeocoder====  
====In the beginning of run=
```

SOLVED

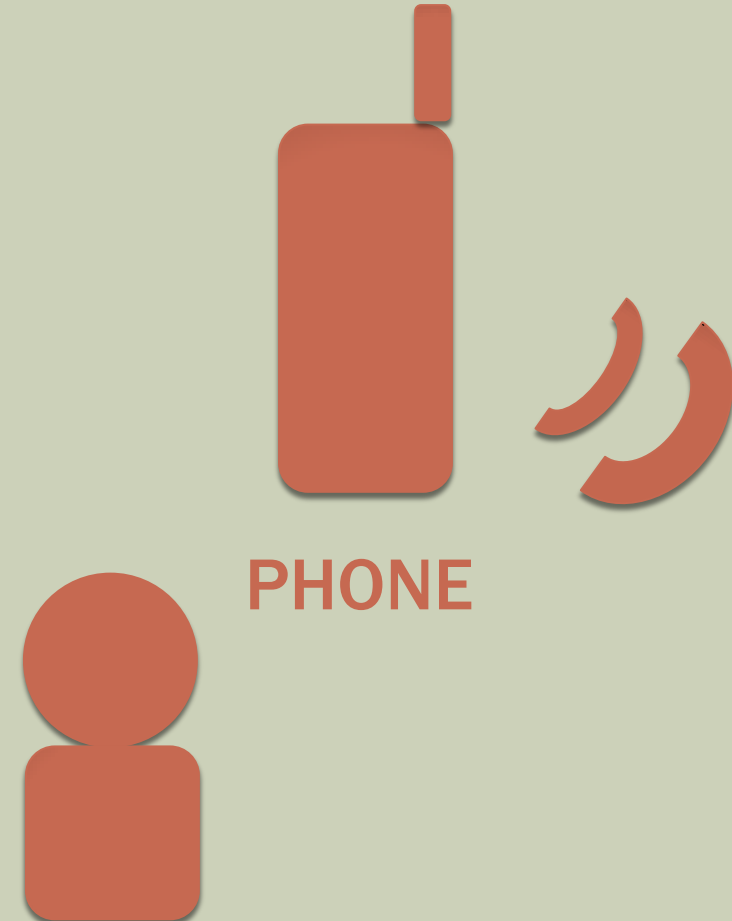


RASPBERRY PI



CONFIRM

PHONE



```
The Condition is ==Succ  
====End of streadeocoder  
====In the beginning of  
****HAS HEADER****  
*****DATA IS*****  
confirm!  
*****  
Run finished  
pi@raspberrypi ~ $
```

PROBLEM ENCOUNTER

- Linux audio : ALSA
- Practical problem : hardware
- Encode and Decoder together

LEARNED

- The ability to solve a problem
- The ability to communicate with co-workers
- Basic skills of Linux system
- How to use Linux audio

EXPERIENCE

- SOLVE THE QUESTION
- WORK : DAILY LIFE
- RELATIONSHIP WITH THE MENTORS
- ROLE : BE A ROLE IN AN OFFICE
- ATTITUDE

THANKS

