

Group:NRC

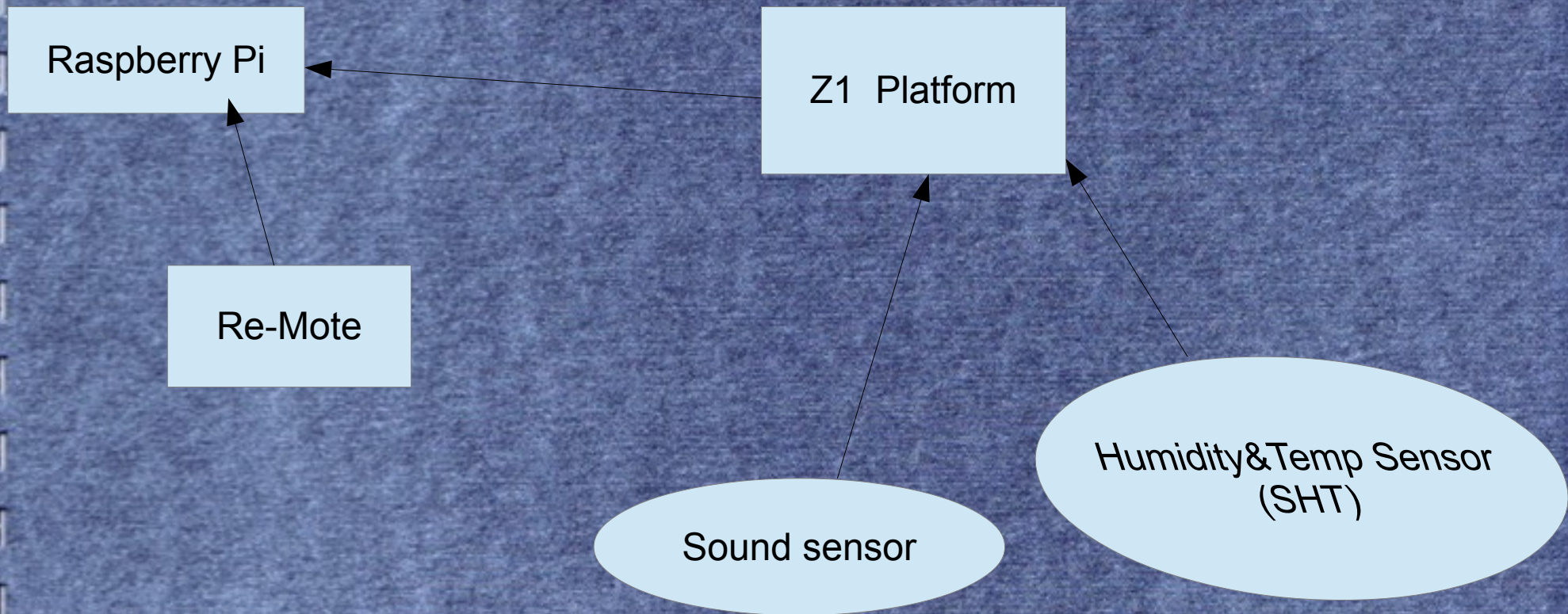
**Project:Class Performance Management System using
IOT**

Introduction

- Performance of the class is the indicator of how the students understand the subject
- Having the parameter such as (temperature, humidity, picture.etc..) which can provide the condition of the class daily will help to know the reason of poor performance.
- IoT as a technology can be implemented to help us achieve this project in real time

Implementation

- Project Diagram



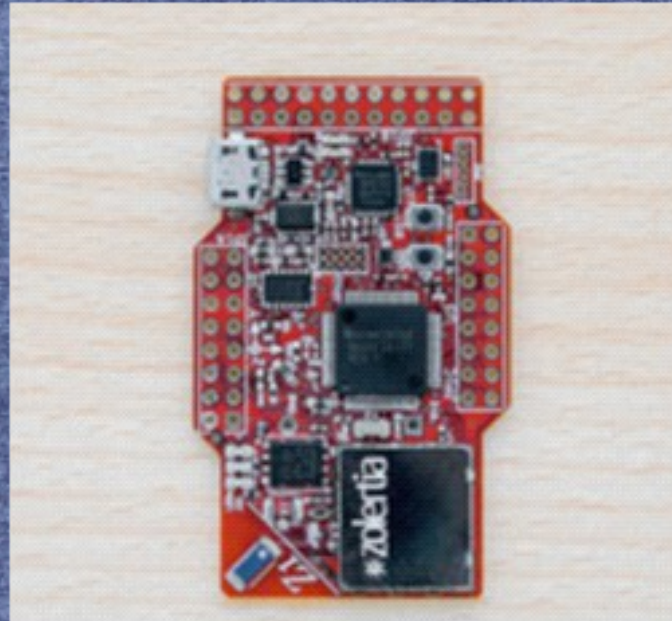
Implementation continue..

- Raspberry Pi: is Host



Implementation cont...

- Z1PLATFORM:Border Router



Continue.....

Data from sensor

```
ID: 246, batt: 2827, counter: 27  
Send readings to 1'  
ID: 171, temp: 2818, x: -17, y: -11, z: 246, batt: 2827, coun  
Send readings to 1'  
ID: 171, temp: 2818, x: -17, y: -11, z: 248, batt: 2826, coun  
Send readings to 1'  
ID: 171, temp: 2825, x: -19, y: -11, z: 171, temp: 2825, x: -
```

----- Forwarded message -----

From: **ishaku anaobi** <anaobii@gmail.com>

Date: Fri, Mar 11, 2016 at 3:13 PM

Subject: The event named "nrc" occurred on the Maker Channel

To: anaobii@gmail.com

What: nrc

When: March 11, 2016 at 04:13PM

Extra Data: 0, 2818, 3063,

Implementation continue....

- Re-Mote



Conclusion

- The data we get can be used with the performance of students.