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April 3rd, 2018

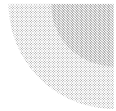
# 4<sup>th</sup> Progress Presentation

*Wireless Temperature Sensor Network*

Sean Grant  
Kolby Lacy

# Milestone Summary

Tasks	Lead partner	Jan				Feb				Mar				Apr				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Part 1: Database Implementation																		Date: 2/6/18
Database structure and code	Sean				D1.1													Done
Recording 5 measurements	Sean			M1					D1.2									On-Going
Update database in real time	Sean											M2		D1.3				Not Started
Part 2: Temperature Sensor Implementation																		
Algorithm for measuring temp.	Kolby				D2.1													Done
Creating functioning nodes.	Kolby								D2.2									On-Going
Recording measurements in DB	Kolby												M3			D2.3		Not Started



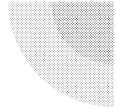
## Activity Summary

### Highlights:

- Code sample for BMP280 IMU achieved.
- BMP280 temperature sensor functioning correctly.

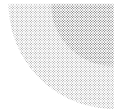
### Lowlights:

- Having to wait for parts (wifi card, breakout board/data cable) pushed back timeline.
- Spending personal money.



## **Risk Management**

- Will test multiple methods of communication to find out which works best.
- Currently testing in dorm, will need to make sure that connectivity is possible in LKD



## Next Period Activities

### Implementation

- Determine the best method for communication between rPi and database.
- Next major milestones:
  - Confirm a final decision for method of communication and create a stable connection.
  - Implement with multiple nodes.