M Gmail                                          **Princess Hernandez <princesskathleen00@gmail.com>**

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## Week 7 Group Status Update

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**Colin Blakley** <blakley.colin@gmail.com>                    Thu, Feb 28, 2019 at 6:53 PM
To: ▇▇▇▇▇▇▇▇▇@▇▇▇▇▇▇▇▇
Cc: princesskathleen00@gmail.com, kenchen0606@gmail.com

Dear Kristian,

**Summary**

    As of today, we are on track with the project. Kenneth finished the structure of the database, but it may change over the next few weeks (we may rearrange the structure because the tested data and user is separate - tied by User ID). The application is functional - reads the data from the database and displays data in a graph or the most recent value. The new PCB we created has been soldered. Princess and Colin are able to get all sensors to work together.

**Financial**

    The Prototype Lab does not have 20-pin headers stocked, and Kelly and Vlad are not sure when they will be back in stock. So, we used a 25-pin header to make a 20-pin header. During reading week, we were able to finish soldering the PCB.

**Plans**

    We need to work on getting the data from the Raspberry Pi to the Firebase. Also, we are planning to omit the fan in our hardware because it is outside of the scope of our project. We are also planning on creating a new case for the Pi and sensors.

Sincerely,
Colin, Kenneth, Princess