**Matt Henne**

Delay Mechanism

Almost done with process, currently debugging

Suggested bigger display screen

**Sofyan Saputra**

Created Charts using the Google Charts API

Charts have been successfully connected to node.js and mongoDB through javascript

- Showing user readings in bar chart format (Time vs Glucose Level)

Hovering over each entry provides more detailed info

Need to get filters for charts working

**Michael Williams**

Temperature Sensor: A Basic Thermistor is on its way. I sampled it from Microchip and it has yet to arrive. Hopefully will be in before break so I can get that working by the end of the week.

Precision Difference Amp: This has arrived and works well in replacing the general amplifier used in the prototyping circuit. It gives us a gain of two, which is the gain I aimed to have in the first circuit. Thus, it does not affect the circuit outside of providing us a more accurate and consistent gain.

Test strip connector: I have continued to exchange emails with Ample and it looks like they will provide us 5 sample connectors that will work with the test strips we have chosen. They are 3mm in height, so it should fit our small design well. I gave the contact my mailing address and hope to receive those in the next few weeks. We have the mechanical drawings of the connector and will be using this when creating the board.

App Mockups: After talking with Sofyan last week, I have mocked up the main page (attached). The idea is to provide a simple way for a diabetic to log more information with each of their blood sugar readings. Thus, the diabetic will be required to state if their reading was taken before or after eating,sleeping,or physical activity. If they desire, they can add additional notes. This will allow us to create more interesting graphs about their readings. Maybe they had a bad blood sugar most often after physical activity and they need to adjust their habits during activity to help make sure it doesn’t happen.

I plan to help Matt if he needs it with the LCD this week. Once this is done, I hope to set up the ADC for my blood glucose reading previously displayed on the oscilloscope before break.