**Sofyan Saputra** – Database & Web App

* Met with Yaa’kov Sloman on Wednesday
* He mentioned that it would be a good idea to use AWS as our database and web service backend
* He said that if we just use a SQL server at ND, we could get the project working easily but it won’t be scalable if we want to make it a startup or something people can actually use
* Had me create a temporary free AWS accounts and then list and explain the components I need and create an architectural diagram of how the components will be used in the context of our application
  + I went mostly with the tools he recommended
  + The standard EC2 (Servers) & S3 (Storage)
  + For the database he recommended DyanoDB because it is much more flexible and easier to interface with that SQL
  + AWS has a service called Cognito which will do login activities for you. Cognito can integrate with Facebook or Google logins.
  + Use nodeJS & Javascript for web stuff
* There will be a meeting including him and the OIT Cloud Team, where he will set up an AWS account with all the features we need for our group. He will also get us a Notre Dame domain name to use
  + The meeting is sometime next week
* Very excited about our project because the ND cloud initiative is new and we are apparently one of the first here to use it in a project

**Mike & Matt – Glucometer**

* Step through components
* Set up of OP amps & circuitry
* Microcontroller has built in OP amps
* ADD converter
* Make own connector
* Or take it off from a built glucometer
* Calibrate for each different type of test strip

**Homa – Bluetooth**

* How to incorporate with microcontroller
* Arduino code
* Need to remap SPI stuff to do transfer
* Nordic SDK: no
* config.h programs the internal memory
* Battery monitor in the chip

**Ish – Pen Cap**

* Preliminary pen cap design sketches
* Setting up for CAD work