Senior Design – Glucometer

Team Meeting Minutes

February 13, 2015

* Proposal to move our weekly scheduled meeting to 8:45AM on Tuesday. This will begin on the week of February 23- 27.
* Demos
* Matthew – Send data from microcontroller to the LCD screen
* Chris – Be able to send data from the Bluetooth chip to a terminal app on his phone
* Sofyan – Have the Google login take you to your own private data tables to edit manually.
* Mike – Read blood. Use Pic16 for the demo; develop the pic24 later. Ample Tech has responded and can send off-the-shelf test strip connectors; meanwhile, use brother’s old glucometer. Using a 4-pin test strip connector.
* Ish – Have a preliminary CAD of the lancing device and ideas to hold the cartridge.
* Updates
* Sofyan – Developed Google login screen.
* Matt – Should go with SPI over I2C. The screen is too big. A more rectangular screen to fit the slender pen cap design. Will work temporarily for the 1st design review.

\*Send an email to ask for a 10 MHz crystal and proposal to change meeting time