Week 5 Group Presentation
Expert Anesthesia Monitoring System

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Week 5 Accomplishments

- Timothy rebuilt the query code for labview and designed a request packet string for the code.
- Nathan found and learned about a sniffing program that will allow to test and see if we are working on a silent network and see if there is a broadcast from the GE-Marquette
- Kane found that there is a part needed to run the LCD screen
New Program designs

- It was decided that it was necessary to query the GE-Marquette.
  - The sales representative said that he thought we needed a handshaking method for data acquisition.
  - The manual says “on the network a request packet must be constructed and transmitted.”
A-V EZ-Extender Card

- Card attaches directly to current Blackfin EZ-Kit card
- Allows connection to flat panel display interface
Packet Sniffer

- The labview program was found that can determine if there is data on the network.
- We believe it can also be used to determine if there is data being exported straight from the GE-Marquette without the network.
Future Work

- Planning to test the Sniffer on the network at Hartford hospital. Also testing it directly on the GE-Marquette.
- Testing the query code at Hartford hospital to determine if this is our main problem.
- Determine exactly what is necessary to run the LCD screen with blackfin.
Hours Worked

- Timothy
  - 16
- Nathan
  - 15
- Kane
  - 13