**WEEKLY REPORT**

**Group # and Name:** May1615 Portable ECG Atrial Fibrillation Detection

**Client/Advisor:** Mani Mina, Rakshak Sarda, Benjamin Sjulson

**Attendees/Role:**

Ian Abbott (Web Designer)

Nic Dubois (Hardware Integration)

Aaron Melcer (Hardware Collaborator)

Donathan Morgan (Leader, Communicator, Connector, Hardware Collaborator)

Keegan Mumma (Software Collaborator)

Seth Rickard (Software Integration)

**Past week accomplishments (please describe as what, who, when)**

* We all came back from the fall Christmas and New Years Break.

**Plan for coming week (please describe as what, who, when)**

* We plan to attend the first EE492 senior design II lecture with George Amariucai to learn what is expected of us this semester.
* The EE’s have problems with getting a signal from the ECG circuit so we will be working on the circuit to find out what is wrong with it.
* The CE’s group plans to finish more programing on the microcontroller.

**Pending issues**

* Noise and signal retrieval in circuit ECG design.
* We need the integrated ECG working properly.
* CE still needs to program the microcontroller using the TI.

**Individual contributions**

* + Nic Dubois, Aaron Melcer, and Donathan Morgan have finished building the design for the analog circuit but we are having problems with the feedback and noise.
  + Seth Rickard, Ian Abbott, and Keegan Mumma now are researching and working to programing the proper microcontroller.

**Individual hourly contribution**

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| --- | --- | --- |
| **NAME** | **Hours This Week** | **HOURS**  **Cumulative** |
| Ian Abbott | 1 | 30 |
| Nic Dubois | 1 | 31 |
| Aaron Melcer | 1 | 31 |
| Donathan Morgan | 1 | 30 |
| Keegan Mumma | 1 | 30 |
| Seth Rickard | 1 | 30 |

**Comments and extended discussion**