***EE 492 WEEKLY REPORT 12 Date: for example 04***[***/16/17 to 04/23/17***](https://bb.its.iastate.edu/webapps/assignment/uploadAssignment?content_id=_2843610_1&course_id=_53546_1&assign_group_id=&mode=view)

***Group number: 26***

***Project title: Breast Feeding Flow Meter***

***Client &/Advisor: David Whitaker/ Santosh Pandey***

***Team Members/Role:*** Chukwudike C-Madu- Team Leader, Michael Brumfield- Team Webmaster Richard Milan- Team Communication Leader, Daryck Brown- Team Key Concept Leader Boris Ndoutoume- Team Key Concept Leader

* **Weekly Summary (Short summary about what you did this week)**

This week, the prototype of the Titbit was finalized and the proof of concept is done.

**Past week accomplishments (please describe as what was done, by whom, when)**

* Chukwudike C-Madu: Helped with testing
* Michael Brumfield: Worked on software gui interface changes for testing
* Richard Milan: Helped with finalizing hardware and proof of concept
* Daryck Brown: Finalized logarithmic functions for proof of concept
* Boris Ndoutoume: Finalized mobile app flow-meter specs for proof of concept

**Pending issues (if applicable)**

**Individual contributions**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **Individual Contributions** | **Hours this week** | **HOURS**  **cumulative** |
| Chuck | Tested milk flow rate for proof of concept. | 30 | **128** |
| Micheal | Finalized bluetooth bit conversion code and testing. | 35 | **144** |
| Richard | Finalized Arduino sensor calibration and soldering parts for proof of concept | 30 | **141** |
| Daryck | Finalized Arduino code for I2C bus communication and testing proof of concpet. | 35 | **139** |
| Boris | Finalized app volume conversion and proof of concept testing. | **35** | 142 |

* **Comments and extended discussion**

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

* Chuck: IRP presentation
* Michael: IRP presentation
* Richard: IRP presentation
* Daryck: IRP presentation
* Boris: IRP presentation
* **Summary of weekly advisor meeting (if applicable/optional)**