***EE 491 WEEKLY REPORT 8 Date: for example 10/25/16-10/31/16***

***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 Web Master

Richard Milan- Team Communication Leader, Daryck Brown- Team Key Concept Leader

Boris Ndoutome- Team Key Concept Leader

(All the above information should be there in each weekly report. The format/color scheme etc need not be the same.)

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

This week, the team members worked on their assigned parts. The software team members worked on the implementation of the mobile app. The hardware team worked on putting orders for the chosen electronic components to build the breast flow meter..

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

* Chukwudike C-Madu: Worked on researching and finalizing sensor requirements. Confirmed order with client and advisor.
* Michael Brumfield: Worked on functional requirements for Facebook Integration for the mobile application
* Richard Milan: Worked on researching sensor board testers, and extra infrared sensors and emitters.
* Daryck Brown:Worked on researching the ambient light sensors’ functions and their testing software applications. Also contacted manufacturing company in order to obtain the add-on board.
* Boris Ndoutoume: worked on the functional requirements regarding the progress bar representation of data
* **Pending issues (if applicable)**

Nothing to be concerned for now

**Individual contributions**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **Individual Contributions** | **Hours this week** | **HOURS**  **cumulative** |
| Chuck | Confirmed sensor research and made the order good to go. | 5 | 29 |
| Micheal | worked on functional requirements (Facebook integration) | 4 | 28 |
| Richard | worked on sensor board testers, | 5 | 29 |
| Daryck | worked on obtaining the add-on board in order to test the ambient light sensors. | 4 | 29 |
| Boris | worked on one functional requirements (Progress bar of data) | 4 | 31 |

* **Comments and extended discussion**

The team has finally started to move along with the project. The hardware components are being ordered soon. The mobile platform is moving along with more integration such as Facebook integration.

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

* Chuck: will work on testing sensors if they arrive in time. Will also look into software- hardware integration.
* Michael: Work on Facebook integration
* Richard: will test optical sensors once arrived
* Daryck: Will test the sensors using the starter kit application.
* Boris: Will work keep working on the progress bar implementation
* **Summary of weekly advisor meeting (if applicable/optional)**

This week has been rough due to hardship of choosing the best electronic components to implement the breast flow meter.