***EE 491 WEEKLY REPORT 9 Date: for example 11/01/16-11/07/16***

***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 and met with the advisor to discuss current implementation and progress. The hardware team worked on ordering and received 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: Ordered electrical components and discussed with parts with client.
* Michael Brumfield: Worked on facebook integration and got the api integrated into the project
* Richard Milan: Worked on circuitry design for sensor; ordered additional parts
* Daryck Brown:Contacted manufacturing company and ordered the PCB for testing purposes.
* Boris Ndoutoume: worked on the functional requirements regarding the progress bar and completed it.
* **Pending issues (if applicable)**

Nothing to be concerned for now

**Individual contributions**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **Individual Contributions** | **Hours this week** | **HOURS**  **cumulative** |
| Chuck | Ordered all the electrical components. Researched breastfeeding market and found similar technologies. | 8 | 37 |
| Micheal | Integrated facebook api | 10 | 38 |
| Richard | Worked on circuitry schematic | 9 | 38 |
| Daryck | Contacted Vishay manufacturing and verified that the PCB testing board was sent via mail. | 10 | 39 |
| Boris | Completed one of the functional requirements (Progress bar ) | 10 | 41 |

* **Comments and extended discussion**

The team has finally started to move along with the project. The hardware components are finally here. The mobile platform is moving along with the completion of functional requirements.

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

* Chuck: will work on confirming testing methods with advisor. Will update client on testing methods.
* Michael: will work on functional requirement that regards implementing a custom bluetooth handler
* Richard: will construct circuit and test the sensor.
* Daryck: will begin testing sensors using the software we ordered.
* Boris: will work on functional requirement that tracks of amount of milk consumed by the baby and length of a breastfeeding session.
* **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.