***EE 491 WEEKLY REPORT 3 Date: for example 9/6/16-9/12/16***

***Group number: 31***

***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 met with the client for about 2 hours and discuss about the project in depth. The client mentioned the hardware and software requirements expected to design the product. The team also had a internal meeting to discuss the hardware approach to the problem and different ways of implementations. At this point we are still researching what kind of hardware and sensor will help us best for the project.

* **Past week accomplishments (please describe as what was done, by whom, when)**
* Chukwudike C-Madu: Worked on setting up meeting with client and make a plan with the team.
* Michael Brumfield: Worked on the software user interface app for the product.
* Richard Milan: Worked on researching some hardware solutions for the product.
* Daryck Brown: Worked on researching some hardware solutions for the product.
* Boris Ndoutome: Worked on researching some hardware and software solutions for the product.
* **Pending issues (if applicable)**

The team is still trying to figure out what type of hardware to measure data of the milk flow.

* **Individual contributions**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NAME** | | **Individual Contributions** | | **Hours this week** | | **HOURS**  **cumulative** | |
| Chuck | | setting up meeting with client | | 4.5 | | 6.5 | |
| Micheal | | the software user interface app | | 3 | | 5 | |
| Richard | | researching some hardware solutions | | 2 | | 4 | |
| Daryck | | researching some hardware solutions | | 2 | | 4 | |
|  | Boris | | researching some hardware & solutions | | 1 | | 3 | |

* **Comments and extended discussion**

We have been discussing about how the flow has to be measure and what sensors will be best to use and give accurate results. Thermo-dynamic temperature is the way we are thinking of going and we will be discussing more again.

* **Plan for coming week (please describe as what, who, when)**
* Chuck: Will work on getting the hardware requirements.
* Michael: Will be working on the user interface for the app
* Richard: Will be working on making a list of components that may be needed
* Daryck: Will be working on making a list of components that may be needed
* Boris: Will be working on figuring out data collection processes
* **Summary of weekly advisor meeting (if applicable/optional)**

This week has been spent on just doing a lot of researches and figuring out different approaches to the solution.