***EE 492 WEEKLY REPORT 1 Date: for example 01***[***/15/17 to 01/22/17***](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 team is finally back from break. We are working on setting a meeting with our client and advisor to discuss where we want to take the project.

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

* Chukwudike C-Madu: researched flexible PCB design companies.
* Michael: Studied ways to streamline the bluetooth connection process
* Richard Milan: Researched/planned PCB model
* Daryck Brown: Researched PCB model and alternate product designs.
* Boris Ndoutoume: worked on analysing the prototype Version 1 that we design last semester.

**Pending issues (if applicable)**

Nothing to be concerned for now

**Individual contributions**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **Individual Contributions** | **Hours this week** | **HOURS**  **cumulative** |
| Chuck | Researched many implementation methods for flexible PCB design | 4 | **4** |
| Micheal | studied ways to streamline the bluetooth connection process | 2 | **2** |
| Richard | Researched/planned PCB model | 3 | **3** |
| Daryck | Researched PCB model and alternate product designs. | 2 | **2** |
| Boris | worked analysing project plan and read documentation from last semester | **4** | 4 |

* **Comments and extended discussion**

The team is back from the break and we are going to start where we left.

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

* Chuck: will start contacting flexible PCB companies
* Michael: will continue working on bluetooth functionality
* Richard: will continue planning and drawing pcb schematic
* Daryck: will move forward in senso communication with the rest of the device
* Boris: will work on analaysing the different features of the App that need to be implemented.
* **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.