Project status Report

# Project Summary

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| 14 November 2019 | IOT for Lumi monitor | Abdirashid yusuf |
| Date | Project | Microsoft Office User |

# Status Summary

The purpose of the project is to make a system that is able to monitor a baby while it sleeping and sends feedback of the rooms conditions I.e. temperature, humidity and light intensity. The projects include a communication channel between the parent and the baby. So far, the project is right on track as per the schedule.

# Project Overview

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| --- | --- | --- | --- | --- |
| task | % Done | Due date |  | notes |
| PCB milestone | 100 | November 7 2019 |  | I have soldered the sensor to the PCB. Posted the images on the blog |
| Breadboard milestone | 100 | October 31 2019 |  | Successfully assembled the breadboard. All went well. Posted a picture on the blog. |
| Breadboard and PCB design | 100 | October 17 2019 |  | Designed the bread board and PCB on fritzing. Sent my file the prototype lab for PCB making. |
| Acquisitions | 100 | October 10 2019 |  | All parts received and Shown to the professor |
| Parts ordered | 100 | October 3 2019 |  | Order all the parts needed for the project |
| Budget | 100 | September 26 2019 |  | Created a budget for the project. Posted my budget on the blog |
| Proposal | 100 | September 10 2019 |  | Created a project proposal. Posted the proposal to GitHub at documents folder. |
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# Budget Overview

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| --- | --- | --- | --- | --- |
| category | spent | % of total |  | notes |
| I2S MEMS Microphone Breakout - SPH0645LM4H sensor | 40 | -33 |  | The total exceeded the anticipated price because additional rates for Currency conversion |
| Raspberry PI 3 model B | 20 | 21 |  | I found a PI that I used for and old project. Bought a new SD card for this project. |
|  |  |  |  |  |

# Risk and issue history

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| --- | --- | --- |
| issue |  | DATE |
| Made a mistake in PCB design. I have redesigned the PCB and sent out to the prototype lab for new board. |  | November 14 2019 |
|  |  |  |
|  |  |  |

# CONCLUSIONS/RECOMMENDATIONS

So far, I have managed to complete every task on time except that I had to redesign the PCB board. I will solder the new PCB as soon as it is ready.