PROJECT STATUS REPORT

PROJECT SUMMARY

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

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.

BUDGET OVERVIEW

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

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.