**Risk Mitigation Proposal**

In case of extra precaution of the project risk I have a proposal. But to minimize the risk we have to go through some extra work which also increase project completion time.

It is obvious that if we pass the first milestone, The risk of failure will be reduced by 75%. So for the first milestone I can start the work with a very small contract. Something Like $100 contract. Then I will order and buy the sensors from online stores. It will take about 15 to 18 days to come. In the mean time I will develop a primary UI in my STM32 board that has a display. I will make the UI in a way that it can be migrated to the future desired board or display. When the sensors will arrive, I will apply the first Milestone works on my STM board. I will also add or modify the UI and Firmware according your requirements.

From this point of view I am investing to buy the sensors and other parts. So the initial risk is mine as well. After finishing this milestone you can activate rest of the milestones.

**PCB Error Correction**

Since this PCB is going to use a BGA package Microcontroller, It is a mid level complex board. There are chances that PCB may contains some errors. After repairing small errors in the PCB a 2nd order has to placed to PCB Fab. If we are lucky enough then we will have success at first production. So 2nd PCB and assembly will take almost extra 20 days to receive the finished product.