



**PROGRESS REPORT FOR
AQUAPHOTN'S MEGATRaining PROJECT 25**

Heading

Date: 20/8/2024

To: Aquaphoton Academy

From: Amr Zeina, Ibrahim Ismail, Mahmoud Morsi, Mohamed Yousry, Yassin Khaled.

1. Hardware (Ibrahim Ismail & Amr Zeina):

Ibrahim and Amr Today we fix errors of the PCB that were located yesterday we helped each other in the soldering and testing the circuit to check that there is no short circuit we have test power of our pcb with using blink code.

2. Firmware (Yassin & Mahmoud):

Mahmoud: I've prepared an Excel sheet detailing the total cost of our project and completed the firmware section of the technical report. I made firmware part in technical report and most of my part in gui, though Yassin has been responsible for the sub-windows features of the GUI. I reviewed and modified the Arduino code to ensure it includes all the components we used, and I tested it on Tinkercad. However, I haven't yet tested the code in a real-world setting, as the PCB was only finished five hours ago, and the Arduino and components are not in my possession. Yassin is planning to integrate Bluetooth into the backend code he developed.

Yassin: I've integrated GUI with our arduino code and python code ,there are small issues that I try to fix it right now and I also made sub-windows features of the GUI , and I modified on arduino code to work with gui.

3. Software (Yousry):