Dec 21st

- Finalized our question
  - "How can technology help in a humanitarian crisis?"
- we Also have orderd the materials
  - LCD
  - Arduino
  - Heart monitor
  - Arduino case
  - Jumper wires
- We started our hypothesis and purpose and finished materials

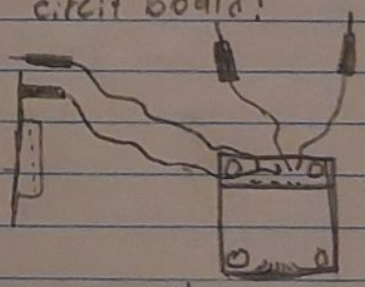
Dec 29th -

Today we have recieved our LCD and arduino board for our display of our project, We have finished adding the code on our online display too!

Jan 14th -

We worked on our hypothesis and finished 4/5 things on our materials we also edited and fixed mistakes on some pages.

Jan 15 - Solderd the wires to the circit board!



Jan 16 - finished the Soldering for the LCD display

Jan 17 -

Soldering for LCD display had been in the wrong place so it had to be fixed by removing the LCD by heat iron and replacing it.

jan 18-

More research about how teconology can help in a humanitarian crisis had been put in into the slides. Also the Arduino board stoped working all of a sodden. the main reason why is because of static, this happens when you have lots of statich electricity and you touch the board it shorts and bornes without you seeing it

Jan 19th - Finished more of the researc and found out that static wasn't the problem for the board. In the power area the circuits were soldered together so by removing the solder as we did it turned back on.

January 20th - Worked more on research talking about how technology can lower the amount of people affected of earthquakes making a p graph and showing more details and adding to bibliography also showed the graph based on the 2023 earthquake in Turkey/Syria

Jan 21st - Fixed grammatical errors and added another detailed slide on the research of portality and what we will do was also fixed

Jan 22nd - Finished off a detailed procedure on how to make this arduino. But there's a problem! Our LCD soldered part broke off for the third time! We need to fix this immediately before the due date.

Jan 23rd - Added more pictures with reasoning and extra research like how much humanitarian aid has gone down with evidence and starting our lines and practicing for our presentation soon.

Jan 25th - We started our abstract, conclusion, and acknowledgments as we are... almost done our research and slides and just have to finish up our disp

Jan 26th - Printed our slides and cut them out thoroughly for the trifold. Pasted them all except for acknowledgments and conclusions.

Jan 27th- Finally got our heart beat sensor. Printed out title and put it on our trifold. May change later.

Jan 28th- Finished acknowledgments and posted it on the trifold. Added more proof for how our graph is an estimate and may make sense with the example of a telegraph.

Jan 30th- We then thought about making a cover so that it's safe and portable. So we used a small card board box and cut everything to fit in.

Jan 31st- We wired the heart beat sensor and added a potentiometer for the brightness of the OLED just to help with daylight and nighttime brightness.

Feb 1st- We found out we could turn on the heart beat sensor by putting it really close, we later soldered it and it worked! We also soldered the LCD but it broke by the screen cracking and outputs burning. So we connected this mini device to a computer to show the results and it worked! But our heart rates were incorrect of an outstanding 412, 512, 650, etc. So our research was proven by math and estimates and our display kind of worked and didn't.

Feb 2nd- We put our conclusion on our trifold and made some changes, differences, mistakes, etc and turned in our trifold and put it on the display area. We tried Fixing the LCD but it made it worse and won't put the other LCD as it's a safety hazard.