TEAM 3
DAY 8 REPORT

DONE BY:

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Nour Rizk

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Omnia Farouk

Today's Progress

1. Roles of Team Members

1.1 Hardware Sub-team

Ezzeldin Fekry Abdelsalam

Went to solder the rest of the components with Nour Rizk. Unfortunately, we faced a problem soldering the shown part in Figure (1) as there was excessive solder material accumulated between the tracks and our attempts to remove it resulted in the removal of the copper as well.
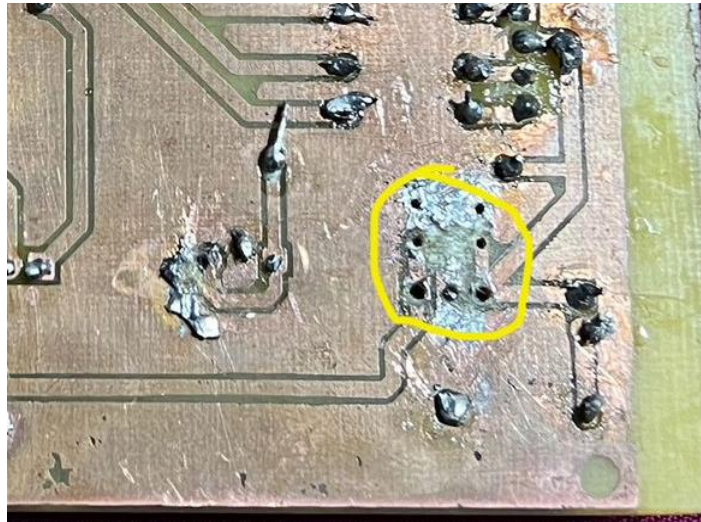

Figure (1)

Nour Mohamed Ramadan

- Today, I continued soldering and finishing the fabrication of the PCB with Ezzeldin but unfortunately we faced a problem in the PCB and the tracks almost lost.

1.2 Firmware Sub-team

Omar Mohamed Hafez

- Found a way to send data from Arduino to GUI with help from Nour Zeidan and will try to use it

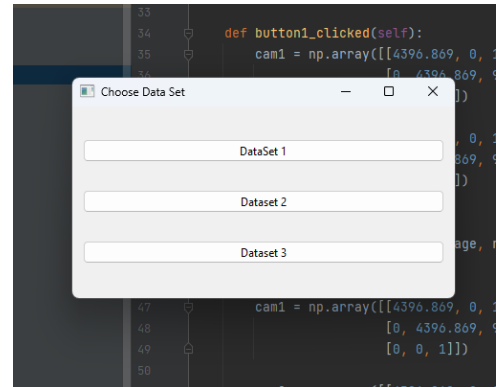- Almost finished the Firmware part waiting to test the codes on real application

1.3 Software Sub-team

Nour Zeidan

- Nearly solved the problem of receiving reading from the Arduino with the help of Omar Mohamed.
- Implemented the disparity algorithm in stereo vision and it will be edited by Omnia Farouk.

Omnia Farouk

Stereo Vision Task process

- Finished rectification process
- Created abstract class to be implemented in each stereo vision class
- Created a dialogue box for choosing which data set to test with

- Finished drawing epipolar lines for the rectification process
- Creating a utility class for implementing a static method to draw the epipolar lines in rectificationa and calibration process