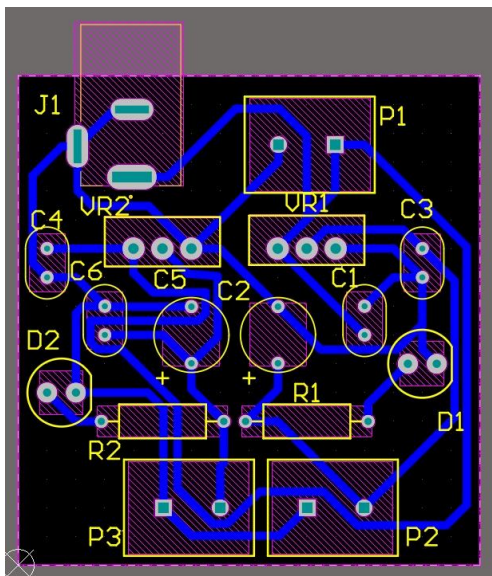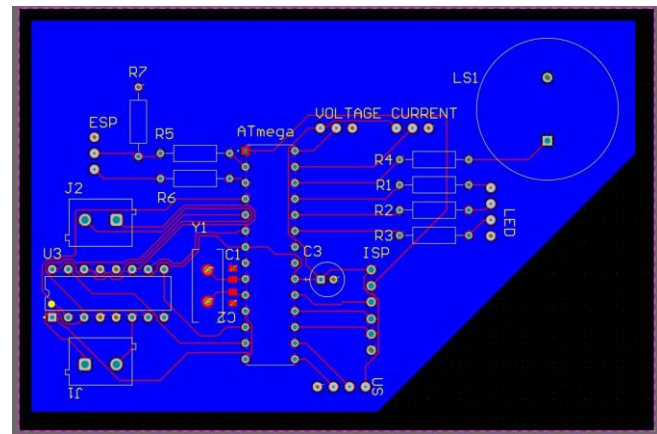# Daily Report

Today's Overall Progress

I.   Hardware and Firmware

- Completed the board design of the main PCB.
- Updated PCB design for power supply with Gerber files and fabrication pdf.

Power supply PCB

Main PCB

II.   GUI

- Finished display of the video stitching.

III.   Image Processing

- Finalized Video stitching code.
- Further research on Stereo vision and continuation of the code.

IV.   General Notes

- Team communication:
  - A meeting was held to discuss any problems we are facing and what are the solutions for them, also a collective decision was made to start fabricating one of the PCBs after further testing of the code and Bluetooth connection is working smoothly.

- Software:
  - Video stitching by Mohamed Morsy.
  - Stereo vision by Youssef Keshk.
- Hardware:
  - Main PCB design by Ahmed Waleed.
  - Power supply PCB by Yasmeen Ashraf.
  - Fabrication pdf by Mariam Beshr.