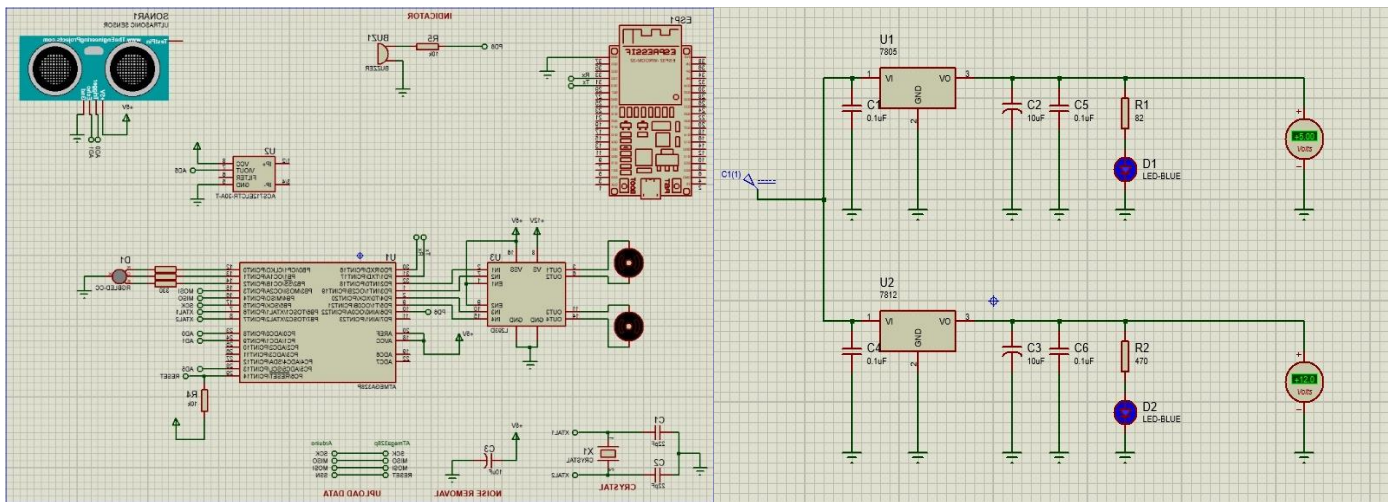# Daily Report

Today's Overall Progress

I. Hardware and Firmware

- Finished the rest of the component's footprints such as buzzer, L293D and RGB Led.
- Finished the PCB schematic without the ESP and started the board design.
- Finished simulation on Proteus for power supply and tested it.
- Finished simulation on Proteus for the whole circuit and tested some components.
- Finished manual firmware code, and begad the autonomous code.
- Researching on how to use PID.

Proteus Simulation

II.   GUI
- Finished the camera feed and screenshot button.
- Started on displaying the stitched video.

III.   Image Processing
- Researching on stereo vision.
- Finished video stitching code.

IV.   General Notes
- Team communication:
  - A meeting was held where we discussed new ideas and distributed the rest of the tasks among us.
- Software:
  - Video stitching by Mohamed Morsy.
  - Camera feed and screenshot button by Youssef keshk.
- Hardware:
  - PCB schematic and footprints by Ahmed Waleed.
  - Proteus simulation by Yasmeen Ashraf.
- Firmware:
  - Manual and autonomous codes by Mariam Beshr.