

Daily Report

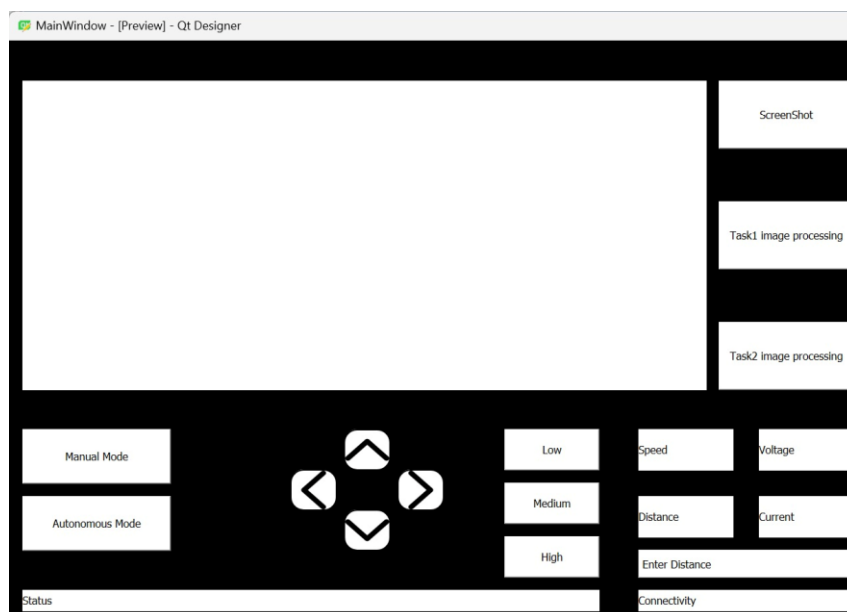
Today's Overall Progress

I. Hardware and Firmware

- Searched about sensors and motors compatible with ATmega microcontroller.
- Understood the challenge and made a predesign for the sensors and motors with microcontroller.
- Collecting datasheets for components.
- Selected different types of indicators for the project.
- Began designing components and microcontroller for PCB.

II. GUI

- Searched on communication protocols between GUI and microcontroller.
- Came up with a startup design for the GUI screen.
- Began implementation of the manual control mode.



Startup screen first design

III. Image Processing

- Currently researching ideas.

IV. General Notes

- Team communication:
 - A meeting was held where we had a thorough discussion about the project by brainstorming ideas and distributing the tasks among us.
- Software:
 - Research and startup page design by Mohamed Morsy.
 - Implantation of manual control by Youssef keshk.
- Hardware:
 - Research by Yasmeen Ashraf and Ahmed Waleed.
 - Collecting datasheets and designing components by Mariam Beshr.