

Requirements

Hardware

- ATMEGA328P Microcontroller
- MPU6050 Accelerometer
- 16*2 LCD Display
- And other interfacing components

Software

- Arduino IDE (Programming and Burning)
- Autodesk EAGLE (PCB Design)
- SimulIDE (Simulation)

Testing Technologies

- Multimeter
- GrebV (Gerber file viewer)
- Arduino UNO Development board
- Breadboard and other passive components