

BIOMETRIC ATTENDANCE

Brief

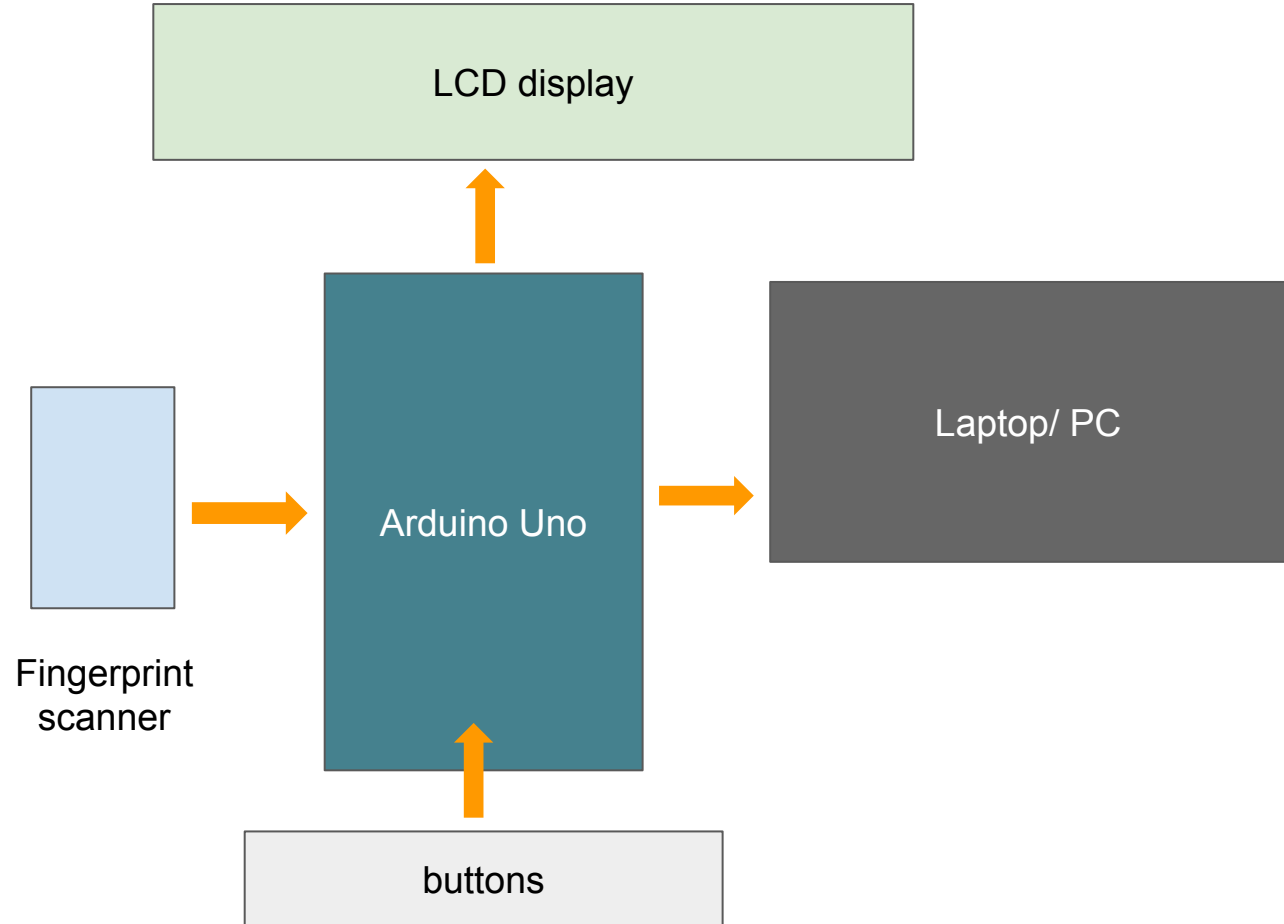
Biometric attendance recorder to register a finger, scan the fingerprint and display the confirmation to the user.

Motivation:

To make the attendance marking system more secure and eliminate the possibility of proxy marking. This provides real time feedback to the user.

Requirement:

Arduino uno
R307 fingerprint module
I2c lcd screen
Breadboard
jump wires
1k resistors
Push buttons



Expected Challenges:

As I haven't worked with any sensors before and am very new to Arduino, I might find difficulties in troubleshooting the problems arising from the programming circuit connections.

Skills Required:

Basics of Arduino board and Arduino programming.

Understanding of sensors and how they work.

Basics of PCB.

Troubleshooting common problems.