Description:  
Here is an implementation of fingerprint sensor interface with Arduino Uno board. For input we used Four push buttons. The menu on LCD guides the enrollment and scanning process.   
  
**Components**

* Arduino Board Uno R3
* Finger Print Sensor (https://www.adafruit.com/product/751)
* Liquid Crystal Display 16×2
* Connecting Wires

Connections:

|  |  |
| --- | --- |
| **LCD** | **Arduino Board** |
| RS | Pin 7 |
| RW | GND |
| E | Pin 6 |
| D4 | Pin 5 |
| D5 | Pin 4 |
| D6 | Pin 3 |
| D7 | Pin 2 |

|  |  |
| --- | --- |
| **Fingerprint Sensor** | **Arduino Board** |
| GND | GND |
| VCC | 5V |
| RX | RX |
| TX | TX |

Circuit Diagram:  
