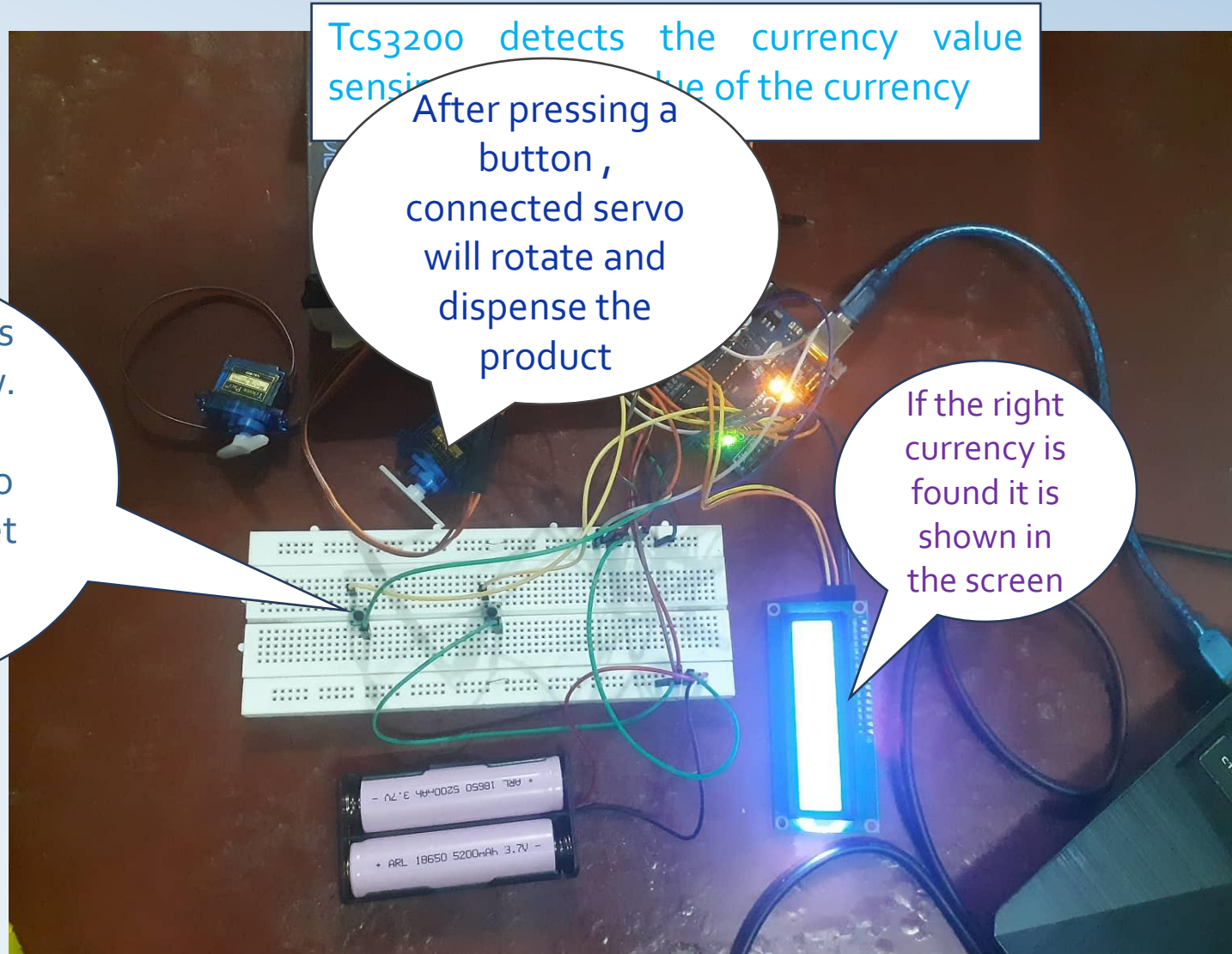
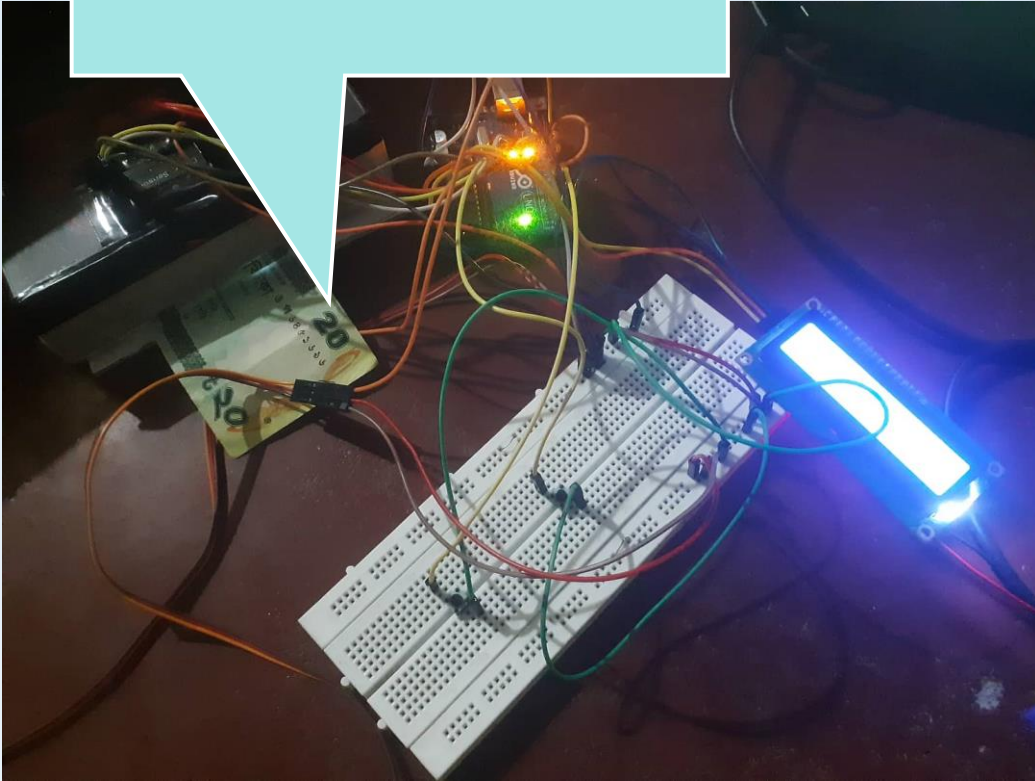


WORKING OF OUR VENDING MACHINE



OUTPUT

When a customer enters a
20 taka note

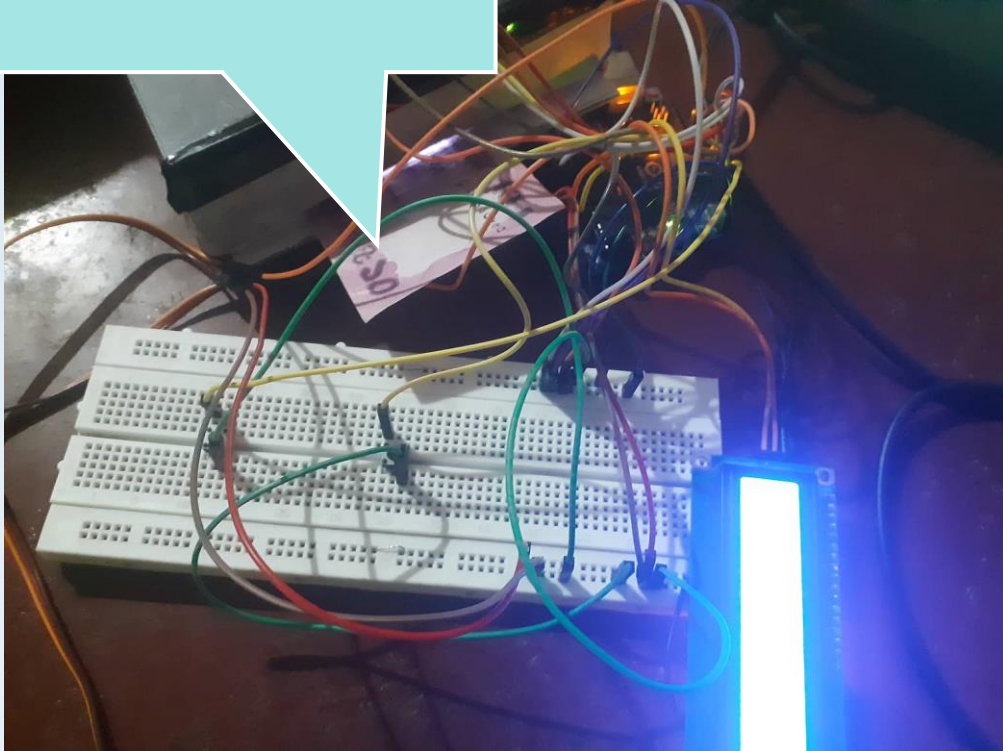


The machine
displays
"20 taka found"



OUTPUT

And if customer enters a
10 taka note



The machine displays
"10 taka found"



OUTPUT



When customer presses the push button for the desired product, connected servo rotates to dispense the product

We've worked this far in our project. But we are trying to make the vending machine student friendly and useable for institutions . For this we will use RFID tracker and ESP32 board. Every person using the vending machine will be provided a unique card which will be scanned by the vending machine. And the product and the price of the product for the specific person consuming will be saved in to our central database. A student or a person can pay that much at the end of the month centrally with their tuition fees. This will help to reduce the use of physical money. For future modification, the system will be converted to an IoT based process.

Further Scope