

Fast Arts

PRESENTATION



TEAM MEMBERS



Ridhi Anand

Temperature Sensor
Ideas
Cost cutting
Design
Logo



Falak Bhati

Hosting of Website
Backend of Gmail
Gmail Logo
PPT design



Faizan Khan

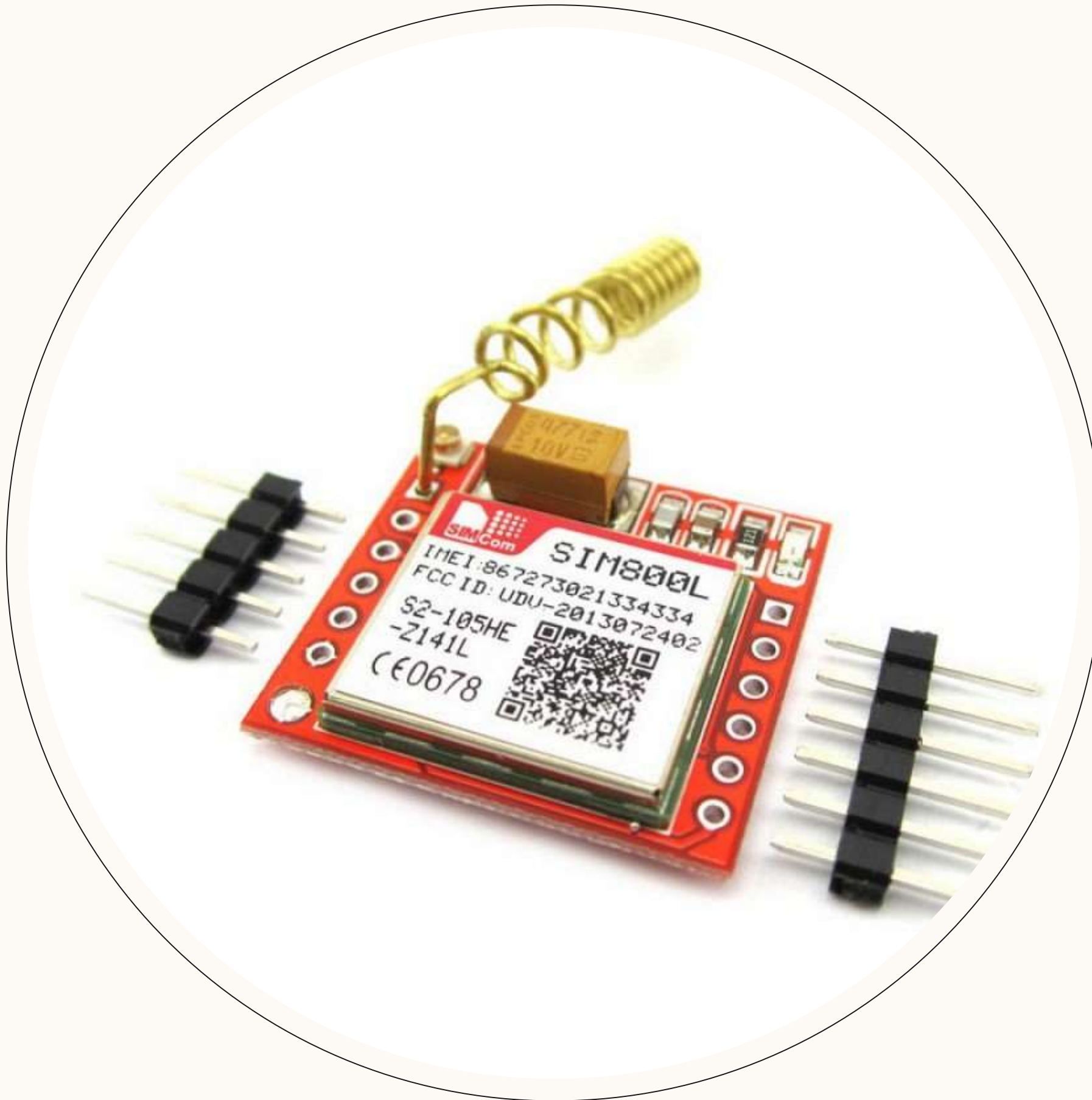
QR PAYMENT
LCD FUNCTION
CUP DISPENSER
COIN ACCEPTING LOGIC, ASSEMBLY
SENSOR
FRONT END OF EMAIL

SIM 800L

The SIM800L module is used to enable remote monitoring and control of the soda dispenser.

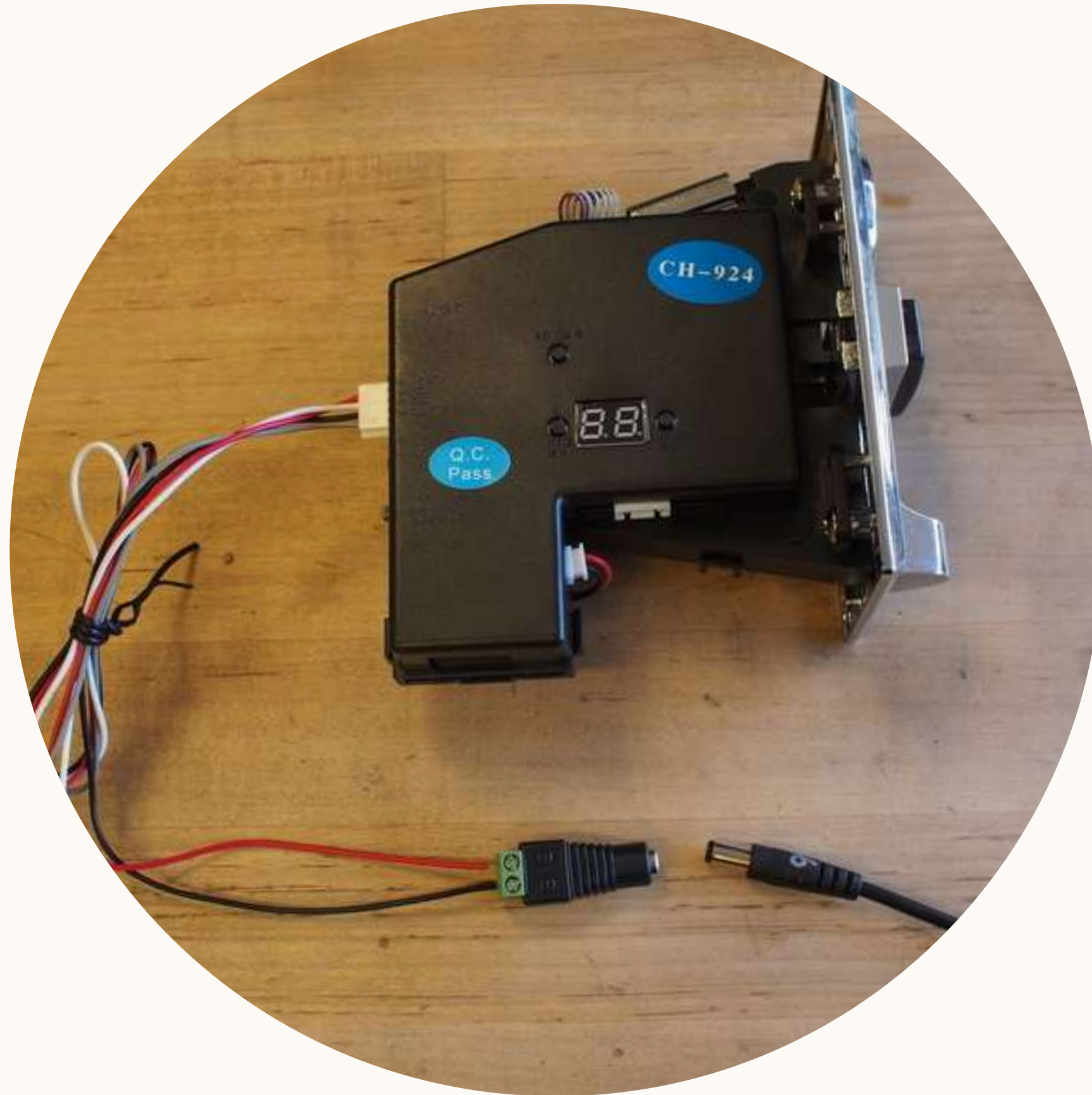
It allows you to send and receive data (e.g., status updates, maintenance alerts) using SMS or GPRS.

~FAIZAN



CH-926

CH-926 is a coin acceptor which can accept upto 6 kinds of different coins at the same time. It sets and records the value of a particular coin along with the shape and size.



~FAIZAN



Relay module

In the soda dispenser, the relay module is used to control the dispensing mechanism.

It acts as a switch, allowing the microcontroller to control the flow of soda by activating the pump or valve.

~FAIZAN

Non-Contact water sensor

Senses the beverage level through the dispenser wall, which stops contamination or sensor

damage from direct contact with liquid and indicates with a red light turning off when the beverage level is low.

~SARAH & FALAK



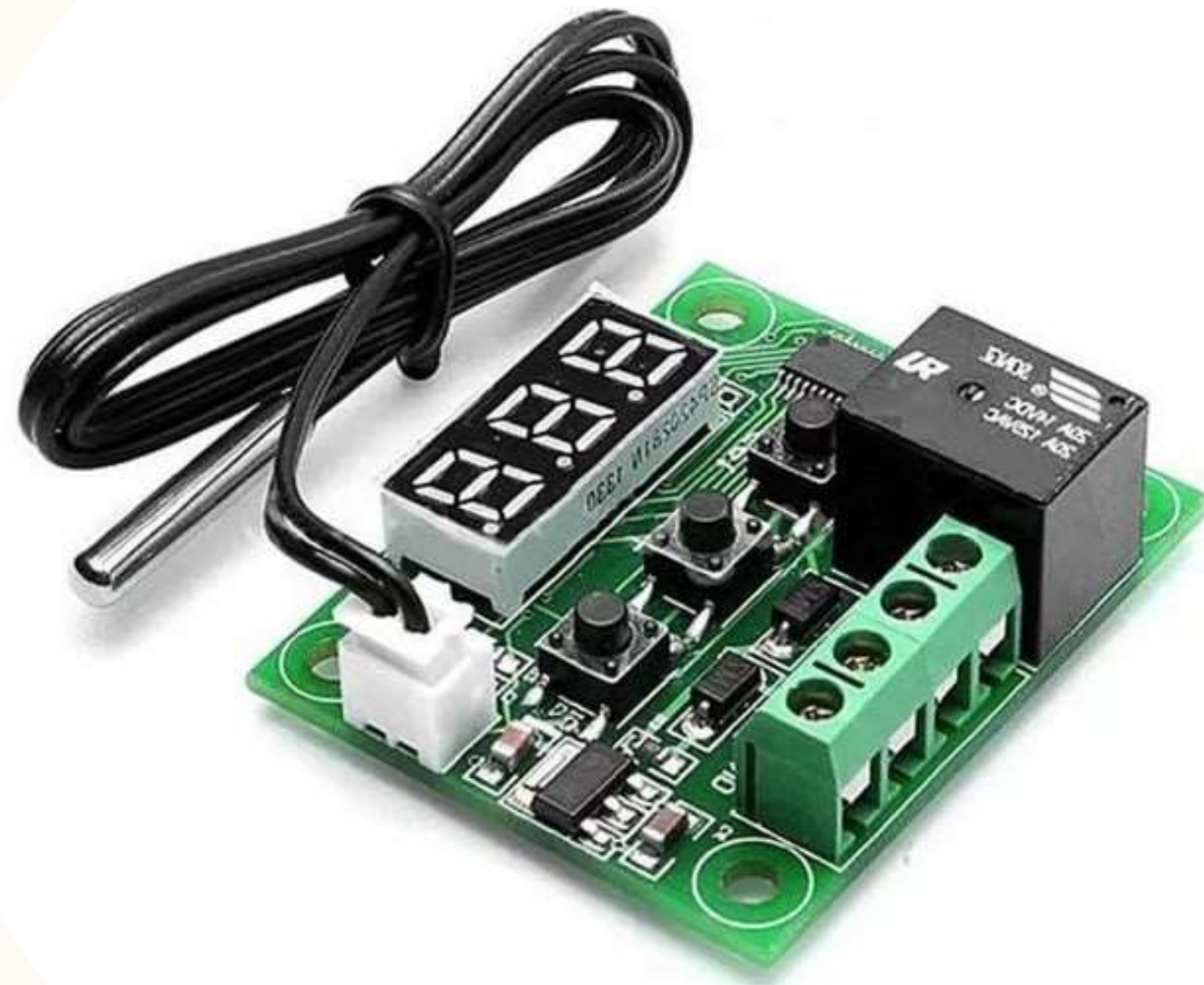


LCD

The LCD displays the price and tells the customer to scan the QR code. After the payment is done, it displays a “THANKYOU” message. Displays "OUT OF SERVICE" when the dispenser is out of beverage.

~FAIZAN

W1209 temperature sensor



This device keeps a constant eye on the temperature within the dispenser. It sends a signal that the power supply is to be disconnected if the temperature is above the set level.

FLAP SENSOR



Flap sensor detects the motion of the cup being placed or removed. Once the cup is removed, the flap sensor detects the motion and signals the microcontroller to

stop the beverage flow. This prevents further dispensing until another cup is placed under the

~SIMRAN
dispenser



Scan the QR

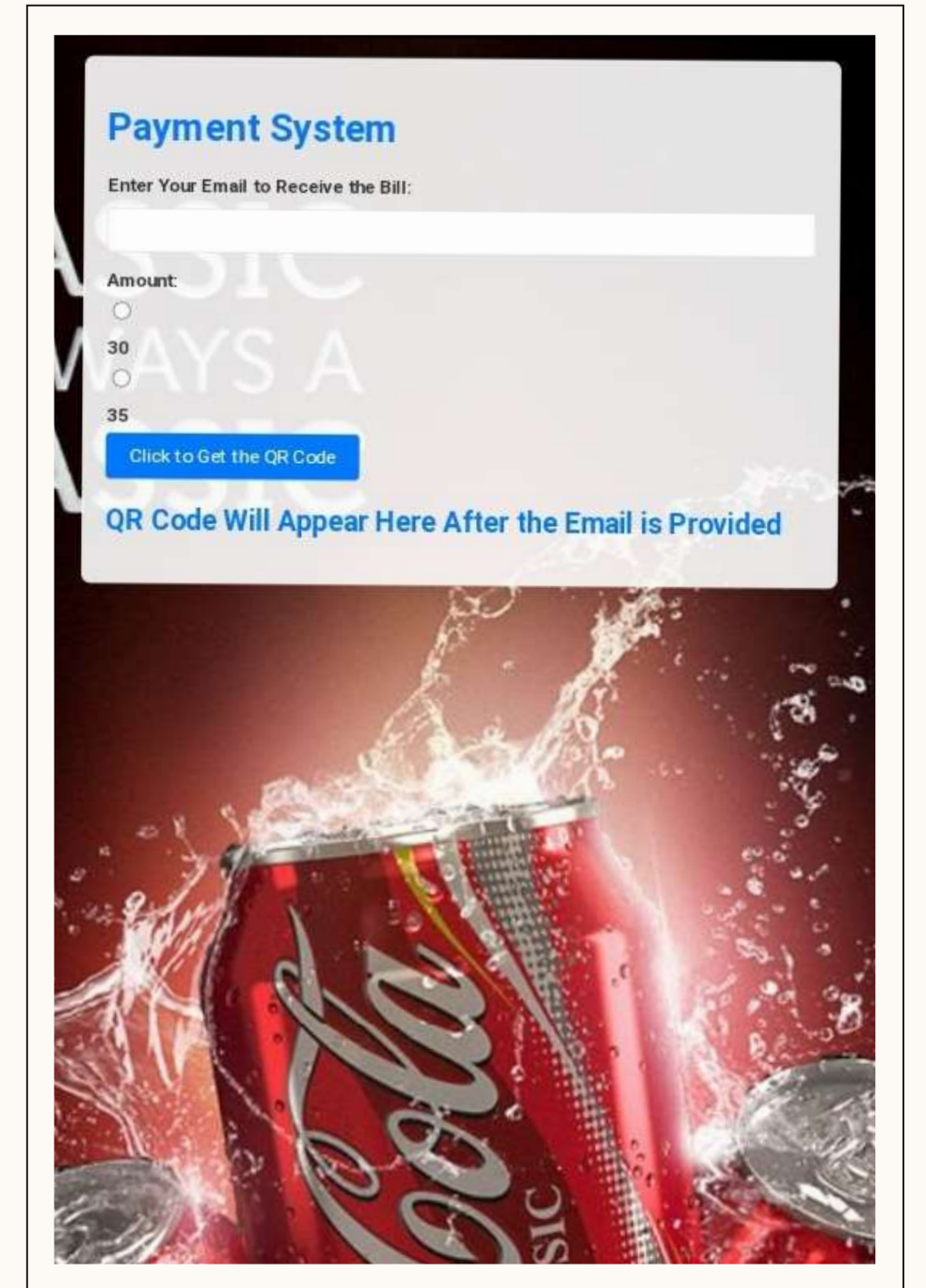
No.01

WORKING

how the
website
works

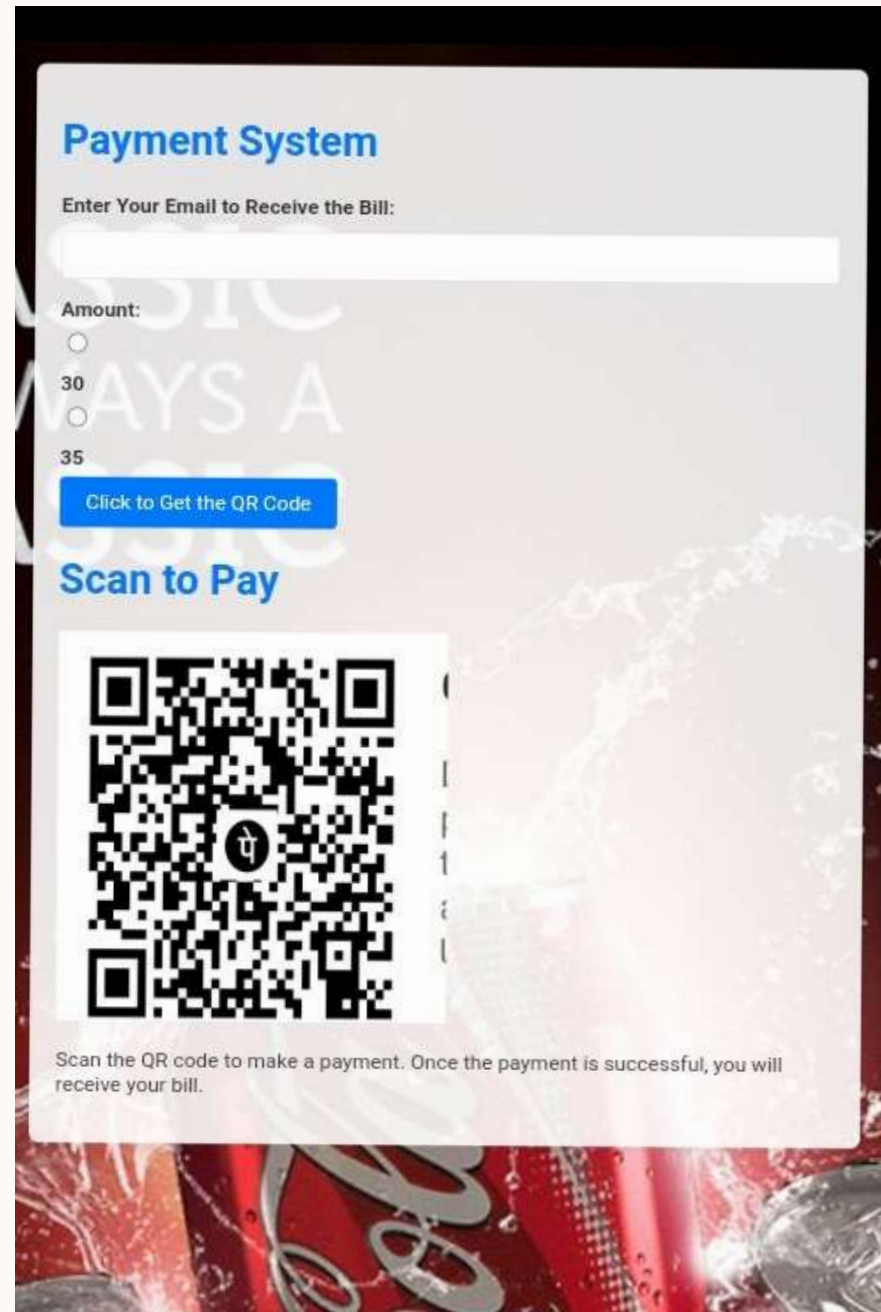
No.02

Enter your email, select price and
click on 'click to get QR'



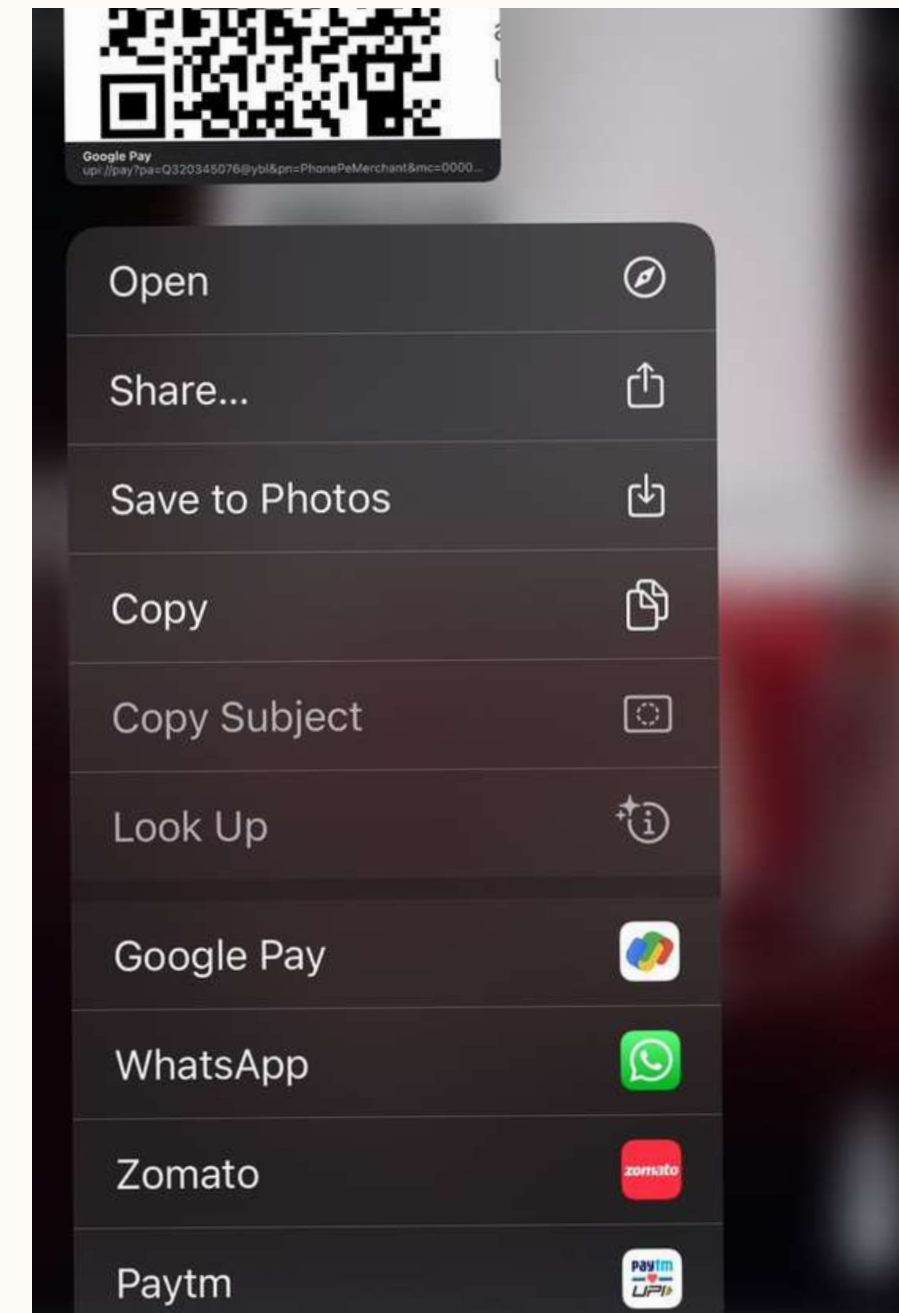
WORKING

how the
website
works



Scan the QR to proceed
with the payment

No.03



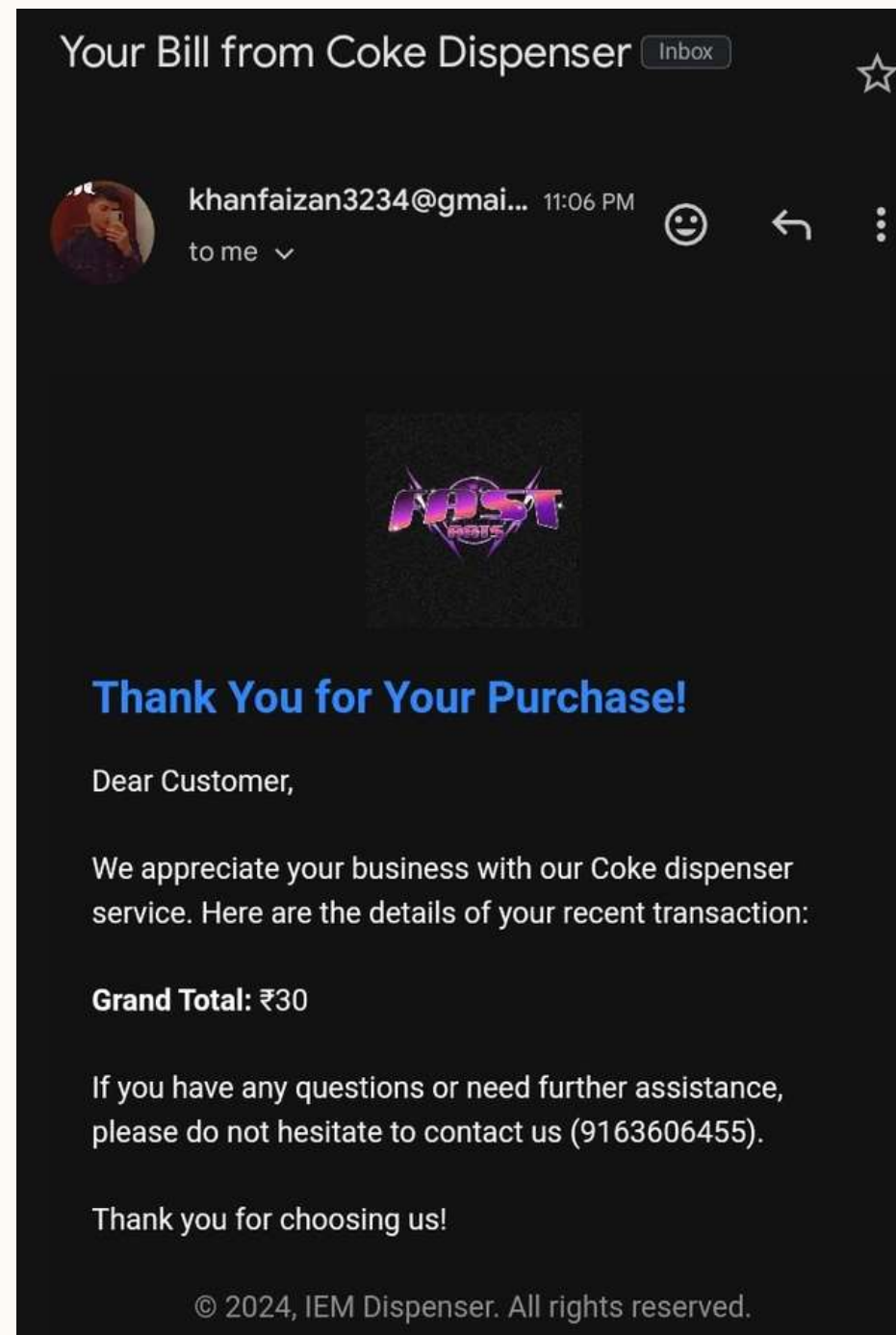
In case of IOS, long press on the
payment QR to proceed with the
payment directly

No.04

WORKING

No.05

Receive a mail after the payment
is successful



how the website
works

No.06

If not received mail of the bill,
check the spam folder

Overall Working

01

After scanning the QR and proceeding with the payment, a cup is to be put under the dispenser.

02

After pressing the button for your desired drink, the drink falls down into the cup until the cup is filled.

03

In case of excess beverage, it flows down to the fluid catch tray and then goes back to the bin





The IEM Coke Dispenser is an automated system designed to dispense Coke efficiently. It uses moisture sensors to monitor liquid levels (full and low) and a relay module to control a pump for dispensing. A buzzer alerts users when the stock is empty. The system is powered by a microcontroller (like ESP32), which manages sensor input and pump operation. When the level sensor detects no liquid, a notification system can send alerts to refill the dispenser. It's a reliable and simple solution for automated drink dispensingd a subheading



Thank You.

FAST ARTS

PRESENTATION

