

EGE177 Engineering Exploration Project

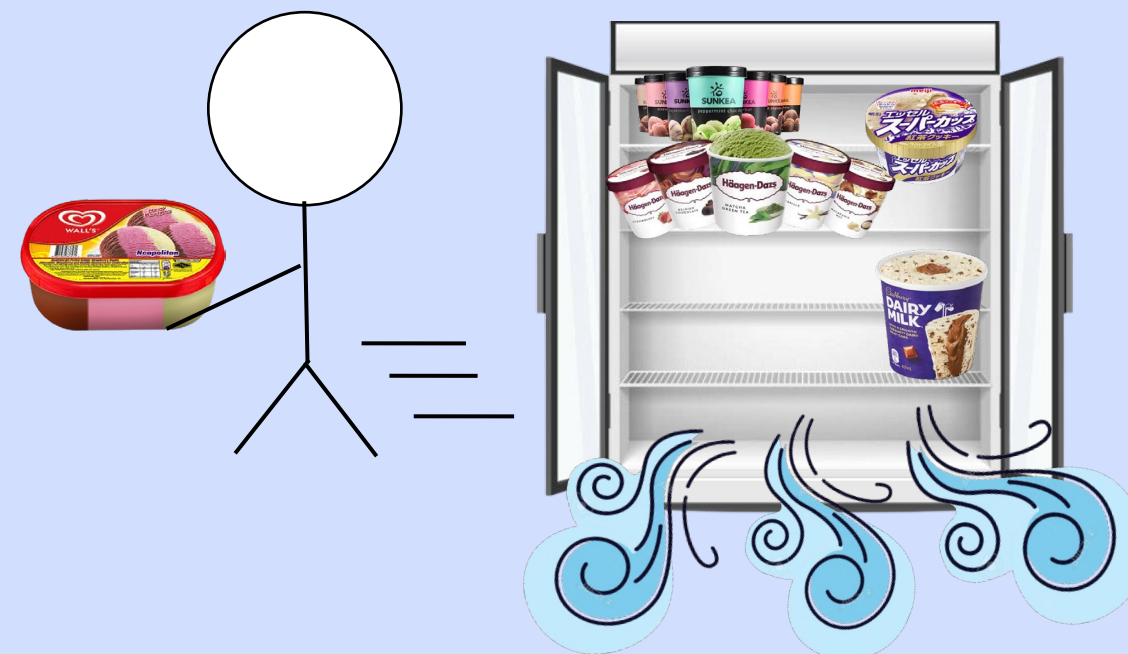
Automatic Shutting System For Freezers

The Problems

Customers take too much time to make a decision while doors are open



Customers could also forget to close the door



The Solution

Our practical and efficient solution:
The Automated Shutter System

Highlights of System

Modular:

Our Product is suited to work with multiple types of freezer doors, be it vertical, horizontal or pre-hung (swing) doors

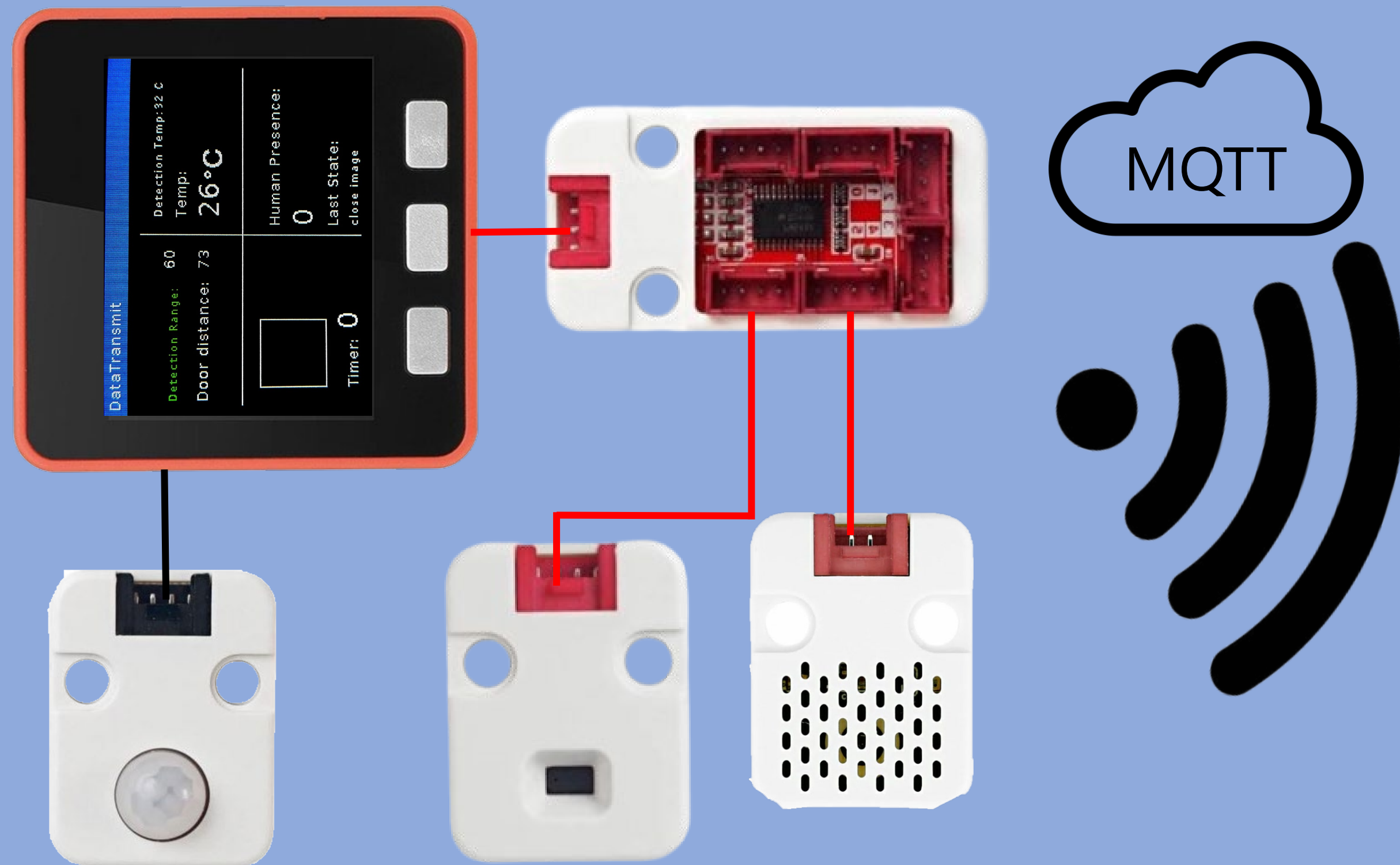
Inexpensive:

With few parts required for this product, it is easy and cost-efficient to produce.

Effective:

The system is designed to be unobtrusive to provide a seamless experience for the customers to shop as normal without the worry of them leaving freezer doors open!

Circuit Diagram



ESP-NOW

