LITERATURE SURVEY

1.Smart Vending Machine System Prototyped with Deep- and Machine-Learning Technologies

This paper talks about a clever vending machine system that uses technology like deep learning and machine learning. It has sensors to see the temperature and take pictures, but it doesn't keep personal info. It guesses the gender of people using face recognition. By using a special method called KNN, it puts people in groups based on things like temperature, time, price, and gender. Then, it changes prices in real-time based on these groups

2.Inexpensive automated medication dispenser for person with neurodegenerative illnesses in low resource settings

This study introduces a low-cost medication dispenser designed for use at healthcare facilities in these areas. It was made using a simple control system based on ArduinoVR IDE, controlling three different small motors to handle various shapes of medication. After initial testing by capable individuals, it showed the device could accurately dispense medication of different sizes (58% to 100% accuracy) using the three motors at the same time. Once it undergoes thorough testing with the intended users, this aim to make it available for widespread use. This way, it can help people take their medication properly and avoid unnecessary hospital visits due to not following their prescribed treatment.

3.Smart Medication Dispenser: Design, Architecture and Implementation

This paper is about a special machine that helps people take their medicine correctly even when no one is supervising them closely. The machine makes it easier for people to understand how and when to take their medicine, reducing mistakes. It's designed to be flexible with timing, so it's okay if someone takes their medicine a little late. Different parts of the machine work together to make sure the medicine schedule is followed properly. The cool thing about this machine is that it's easy to add new features or change existing ones without changing how the machine works.

4.Medicine Vending machine

The Medicine Vending Machine is like a regular vending machine, It's for people who need quick relief for small health issues. Having this machine can save money by reducing the need for open medicine cabinets. For workplaces without clinics or pharmacies, it helps employees by making them feel better quickly and keeps them from working less when they're sick. It stops people from spending a lot of time waiting in lines at clinics for minor problems like colds and headaches. This is really useful, especially when a particular place is dealing with a lot of people getting sick at the same time

5.Automatic Medicine Vending Machine

In hospitals, there are often long lines at the pharmacy where people wait to get common medicines. This wastes their time and sometimes there might be mistakes made by people. To fix this, we want to use a faster and less mistake-prone way by making a Medicine Vending Machine. Before a patient sees the doctor, they get a special card. When the doctor checks the patient, they scan this card using a machine that's connected to a small computer. This computer sends the card information to a website that the doctor uses. The doctor types in how much medicine the patient needs. Then, this information is saved in a database online. When the patient goes to the Medicine Vending Machine at the pharmacy and scans their card, the machine knows how much medicine they need and gives it to them