



OVERVIEW

Customer wanted his home appliances to be accessed over internet to prevent excessive electricity bills, monitor, and track activities in his premises as well as better security system.

BACKGROUND

With increasing lifestyle and electronic gadgets involving in our day-to-day life,

- Client was facing issue of increasing electricity bills.
- They needed better security system in their premises than a metal lock
- And control over appliances

Home Automation

**Best Company in
This Town that
Values They
Consument.**

- NIL

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CASE STUDY

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CHALLENGES

- Design and implementation of Home Automation system using Raspberry Pi, Arduino, MQTT, Relays and an interface to interact and control
- IoT managed data logging, monitoring helped design system smart
- Computer Vision models were used to make premise more secure
- Notification system integrated along system to notify user of monitoring devices, anomaly activities, etc.

SOLUTION

- Solution provided access to 24 appliances in premises to be controlled over internet and save electricity by 47% electricity bill in previous quarter.
 - Security system make them feel more secure in their vicinity
- ✓ Save on electricity by 47% in previous quarter
- ✓ Security Systems in place

Remote monitoring of Home Automation Systems