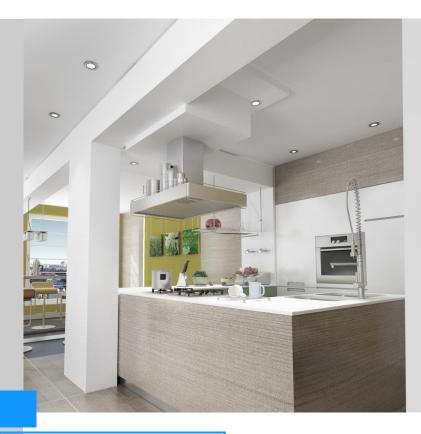
## CASE STUDY







#### **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

Alber Enstan Junior

Best Company in This Town that Values They Consument.

Home Automation

# CASE STUDY





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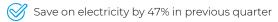
**CHALLENGES** 

- 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



Security Systems in place

Remote monitoring of Home **Automation Systems**