

# Smart Meter

Smart Energy Monitoring System



# Existing System

## Existing System



Did I consume this much of electricity?  
Doubts about the bill.  
Simply forget about this in few days

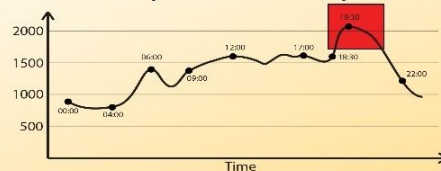


Manual Meter Reading  
Labour Cost



What is my current usage in this month?  
Have I consume more? more than 90 units?

Electricity Load in a Day



Have to use expensive  
power sources in peak times

## Solution



Customer can manage  
daily consumption.  
Save Money and Energy.  
Less Energy, Green environment



Bill from mail  
No Labour cost  
for Meter Reading



Electricity Usage  
graphically

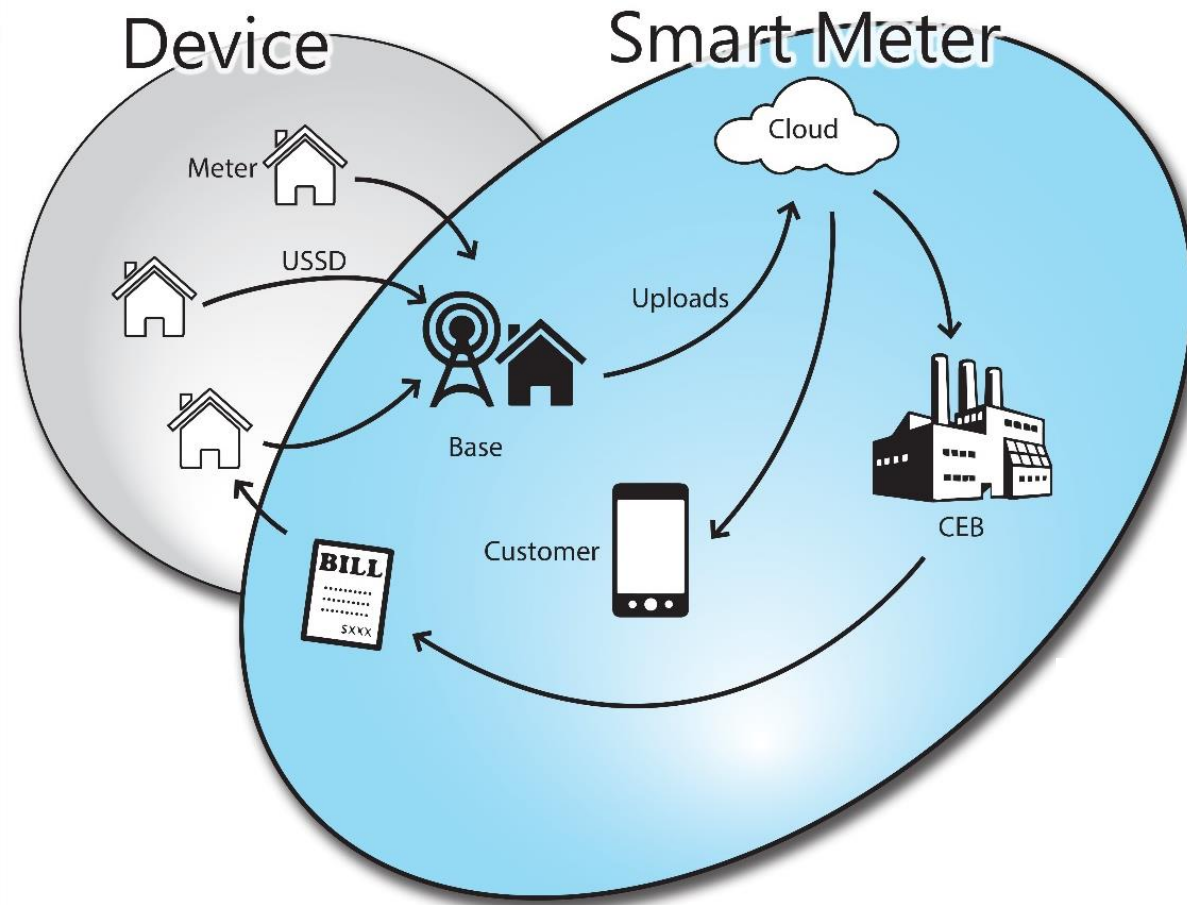


Real Time usage  
Alerting unusual  
high consumptions

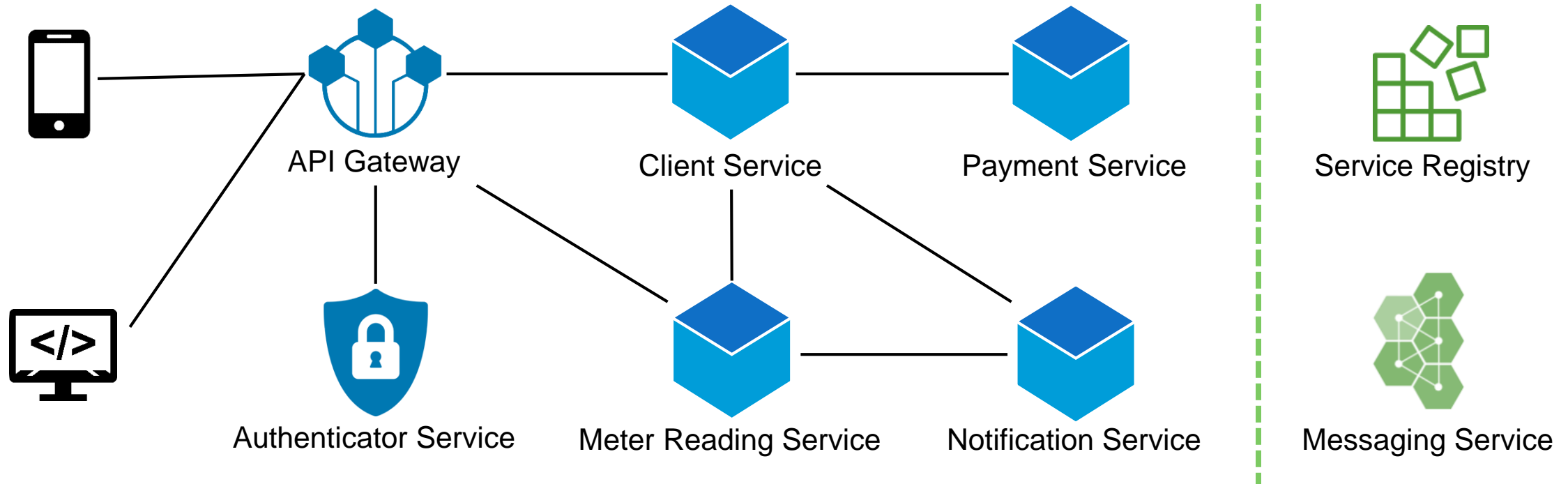


Daily Usage  
in your hand  
No Doubt

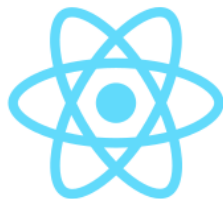
# Proposed System



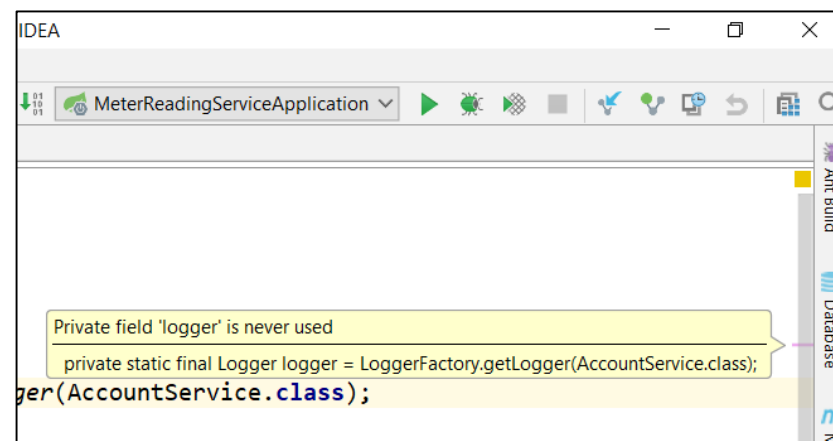
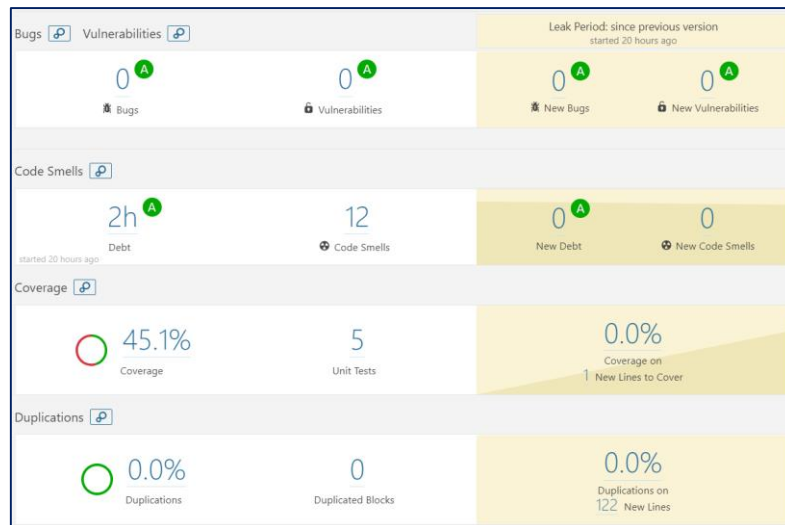
# Microservice Architecture



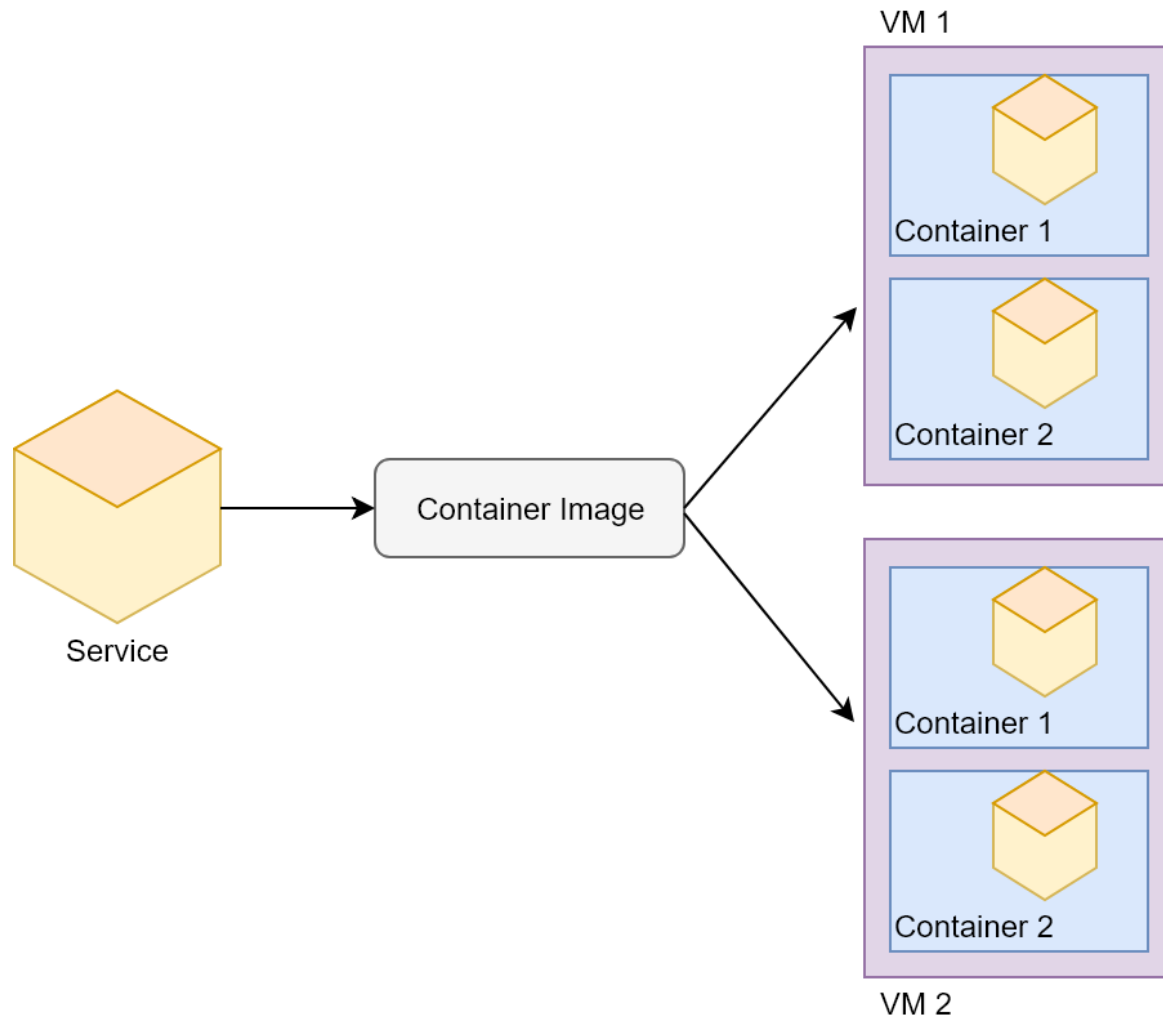
# Technologies



# Testing



# Deployment



<https://github.com/renuka-fernando/smart-meter>



# Demonstration



Questions ?

Thank You