



## TEMPERATURE & VOLTAGE MANAGEMENT APPLICATION

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ARRAYS AT ONE



# MISSION STATEMENT

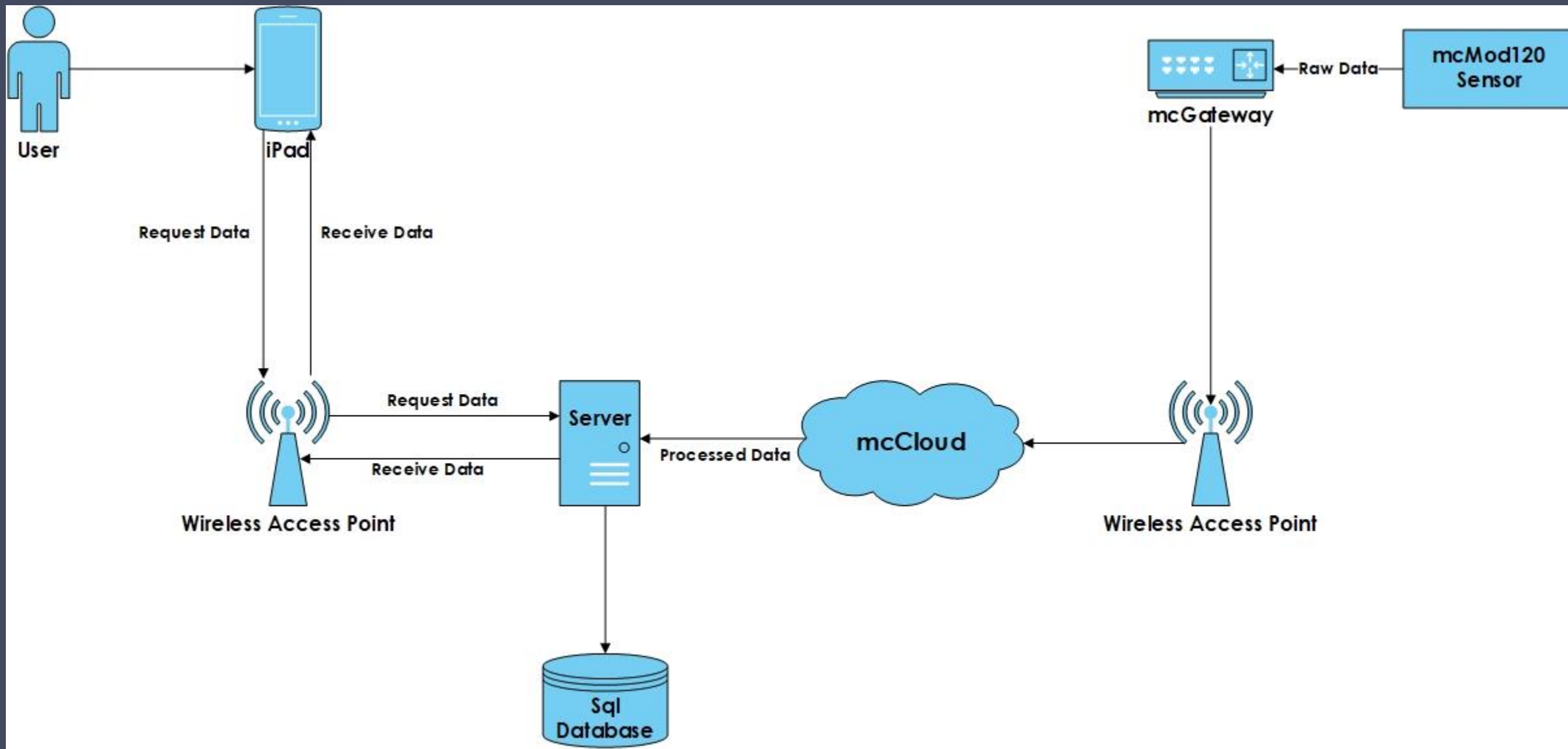
2

Develop an **IoT-based solution** utilizing sensors to monitor **Temperatures** and **Voltage** within Thin Client cabinets.

Sensors will capture and forward **real-time data** to an iOS application to provide minute-to-minute data of all cabinets across the country.

## WHY?

- CONVINIENCE
- VISUALIZE DATA
- TREND ANALYSIS
- PROACTIVITY





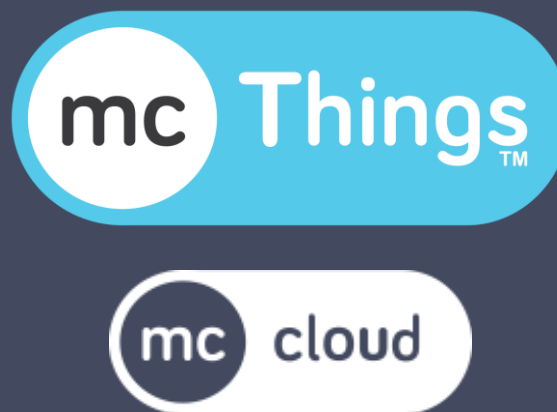
# SOFTWARE ARCHITECTURE

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## HOSTING



## CLOUD



## APP



iOS 9.3.5+



[harquaim.dev.fast.sheridanc.on.ca/Capstone](http://harquaim.dev.fast.sheridanc.on.ca/Capstone)

OR

[goo.gl/UFxyef](https://goo.gl/UFxyef)



- Sensors becoming damaged
- Network/Power Outage
- IOS Updates possibly causing functionalities implemented in current version to become deprecated
- Other Possible Risks



# CONCLUSION

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- EASY ACCESS
- PRECISE DATA
- RISK AVERSION



QUESTIONS?