

### Business Problem:

Energy data for household usage and human behaviour is difficult to obtain a single view of and understandably so ,energy providers in South Africa do not provide end users with a granular view of what their appliances cost them, as well as inform them of when they breach average

### Description of solution:

A portal was developed that can vet and manage users, create service locations, assign integrations and essentially be the hub for various data collecting devices.

The Solution aggregates the data and issues an alert when certain Power Spikes happen as well as give the user the power to 'tag' the reason why these spikes happened, allowing the system to gain insight over time.

### Period of Engagement:

21 February 2020 – 03 June 2020

### Tech Stack Used:

- Bootstrap(Front End)
- Vuejs(Front End)
- React Native(Front End)
- GraphQL(API)
- MongoDB(Database)
- Heroku(Cloud)

#### Company

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