# Models (Database Design)

## User

* ID
* Name
* Email
* Password

## Device

* ID
* Name
* MAC Address
* Category ID

## Energy Usage

Possible Implementation: nullable ‘Metric’ field. A kettle might only report the energy used. However, a fridge might report the energy and its current Temperature. We should discuss if we’re just tracking energy used or not?

* ID
* Device ID
* Time and Date
* kW Used

## Device Category

* ID
* Name

# Views

Dashboard

Query Picker? (A page for deciding if you would like view data about a Device/Category/Week/Year etc.)

View Data

Login/Register

Add Device

View Devices

# Controllers

PageController

DeviceController