* What does it do?

This application was developed to track smart home devices and the attributes associated with them. It consists of three main pages. Logon page, Device Type page, and Device Inventory page.

The **Logon** page:

* Consists of a Username and password fields.

The **Device Type** page:

* Main functionality of this page is to display and add new device types to the database. Which become available when adding a new device to the inventory.
* Add, Edit, and remove device types.
* Proceed to the device inventory page.
* This page also allows a user to double click on any given type, to proceed to the device inventory list that will be filtered by the device type that was clicked on.

The **Device Inventory** page:

* Display the Device inventory list.
* Add, Edit, and remove device types.
* Filter by Device type and show entire inventory.
* Option to go back to the Device Type page.
* What technical difficulties did you face?
* Xaml coding
  + Issues with global styles
  + Binding
* Developing dropdown fields
* Issues with filters and dynamic menu items
* Connections to the database and auto mapping
  + Non-entity database
* Linq queries
* File menu development
* Any cool WPF features?

Through the Device Type page, you can filter by device type.

Filtering on the Device inventory page

Combo boxes

* If you had to do it over again, what would you do differently?

Develop a plan for the application. What the program should do and what type of basic feature it should have.

Research the structures, methods, and ways to achieve what is in the plan, prior to writing code.

Construct a proper database, with multiple tables and stored procedures.

Having a little database experience, I found it difficult to work in a non-relational database. Trying to change the mindset held me up.

Stick to the plan.

Start small and build

Thoroughly test along the way.