

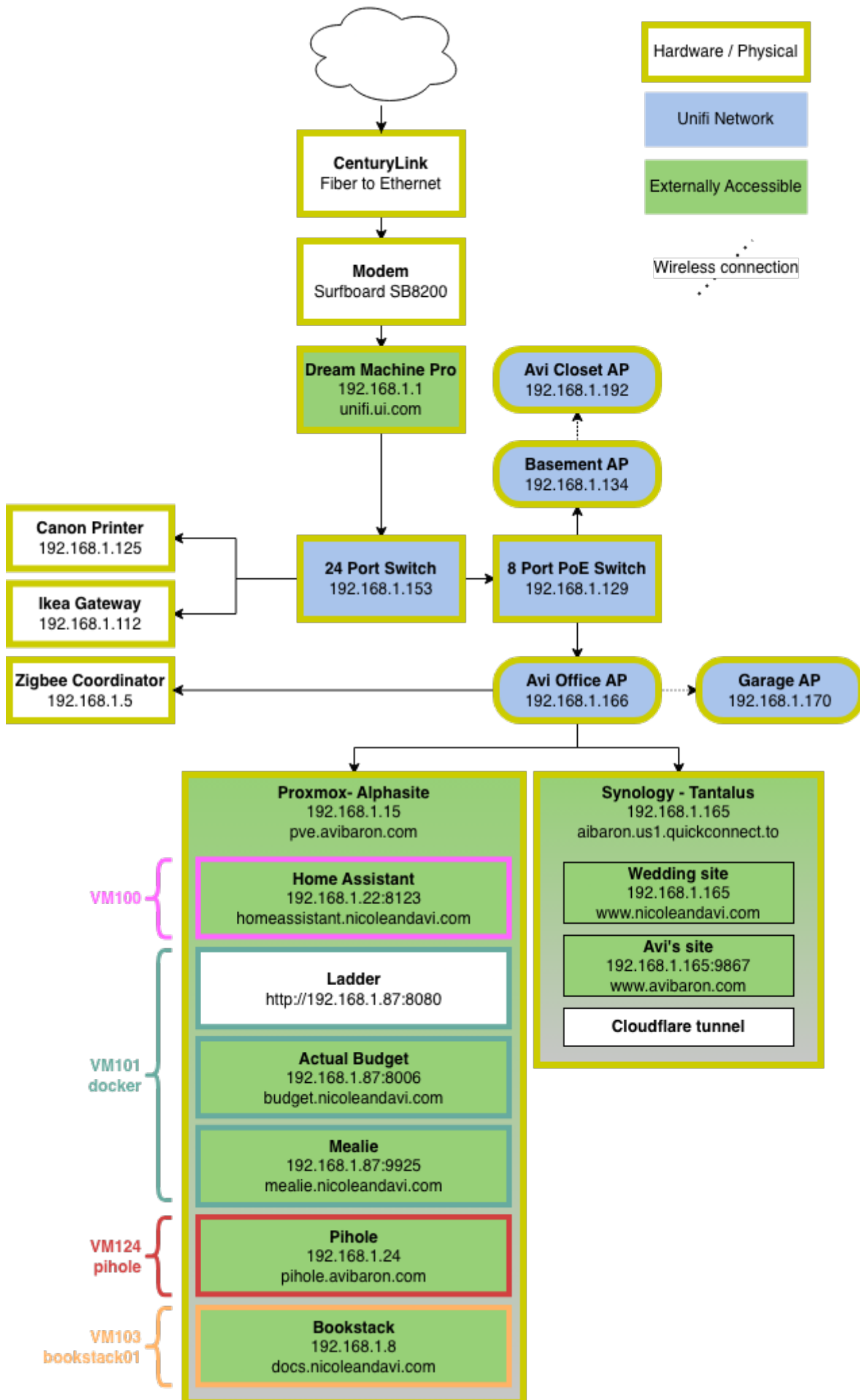
# Home Tech

Networking, Systems, Tools, how to use them and how to set them up

- Hardware and System Diagrams
  - Base Diagram
- Using our Services
  - Using Mealie at the Happy Home
  - Home Assistant Automations
- Next Steps
  - Winter Break 2024

# Hardware and System Diagrams

# Base Diagram





# Using our Services

# Using Mealie at the Happy Home

## Happy Home Policies

- **Recipes shall not contain animal parts**
- Please **categorize every recipe** added
  - Do not add additional categories unless approved by Avi and Nicole
- Please **tag new recipes** as you see fit.
  - Add new tags if you'd like, but be conservative, there are likely already tags that will work.
- Click the green **I Made This** button when you make a recipe
  - Add comments of what worked and didn't, add who liked it, add details you think would be helpful. Add a picture if you'd like.
- If your recipe relies on another recipe, try to link to it using the markdown syntax. Or just paste the link in a description or a note and I'll edit it later.
- **Rate recipes** you make on the star system!
  - If you rate it below 4 star, add a comment on why. Recipes will likely be culled if they are rated 3 or lower
  - Do not rate recipes if you haven't made them yet
- **Comments**
  - "It goes really well with..." either other recipes on Mealie or wines, brews, potions.
  - "I had this before a hike and it was great." type
  - "This was really good for company." and the like
- **Notes**
  - Specific tools you used that helped
  - Ways to make parts of the recipe easier, quicker, or stackable (e.g. while step 3 is simmering, start on step 7)
  - Specific ingredient changes you've made or suggestions you have.
  - If ingredients can only be bought at specific places or if you happen to have a bunch of a rare (non-perishable) ingredient that others making that recipe next can see they can borrow some from you.
- Adjust Total, Prep, and **Cook times** to be reasonably close to true
- Adjust **servings** to be reasonably close to accurate

## Using Mealie

Mealie has really good [online documentation](#), but here's a quick run-through:

- **Login** to [mealie.nicoleandavi.com](https://mealie.nicoleandavi.com) using either your username or email and password
- **Markdown**: Every field allows for [markdown](#). Most common: **bold** with a word surrounded by two asterisks

```
**bold**
```

*italics* is one asterisk

```
*italics*
```

Make a link by typing the link text in brackets immediately followed by the URL in parenthesis e.g.

```
[Nicole's favorite food](https://mealie.nicoleandavi.com/g/main/r/homemade-bagels)
```

This results in [Nicole's favorite food](https://mealie.nicoleandavi.com/g/main/r/homemade-bagels)

- **Cookbooks**

- These can be made public when you make them, but the whole household is public, so it's kinda mute.
- I use cookbooks as another way to organize stuff, they create a new clickable link on the menu bar. They're like saved searches. I have "Sweets" (Category: Desserts) and "Weekly Dinners" (Category: Mains, Tags: not equal Fancy).

- **Meal Planner**

- It shows you the previous day and the next 6 days by default. You can toggle through the calendar by clicking the arrows on the top of the page. In editor mode, you can use the random recipe buttons or manually add an entry.

- **Shopping List**

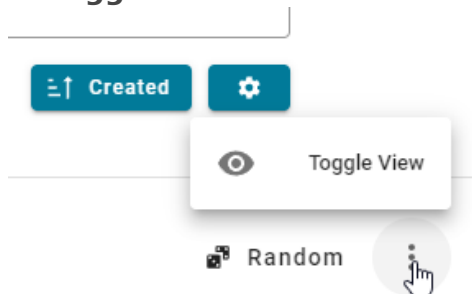
- Clunky, but use as you wish

- **Main Page**

- **Search**

- The search is very robust and lets you filter by Category, Tags, Tools (not well used), and Households. Filtering by foods isn't really working.

- **Toggle View**



This is kind of hidden under the 3 vertical dots on the top right, it changes the main view of recipes from large picture to small picture with more details.

- **Random**  
Maybe obviously pulls up a random recipe
- **Dark Mode**  
Change to Dark mode at the bottom left
- **Favorites**  
Add recipes to your favorites by clicking the heart icon. See all your favorites by selecting **Favorite Recipes** under your name in the top left.

## Questions

Any concerns or comments should be brought up to Avi or you can comment on this doc.

# Home Assistant Automations

## Modes

### AviWFH

- Enables every hour at 0:45 if Avi is home and it's a weekday
- Disables when Avi leaves home zone
- Move desk up at 8:58am

### Guest Mode

- When person is detected in front door camera (and either Nicole or Avi are home):
  - Turns on front outside light
  - Plays "Heyyy bitch" on BluSound Pulse in basement
  - Plays "Hey man" on backyard camera in Avi office
- Sets climate between 67 - 73 degrees F.

### Vacation Mode

- Sets climate between 61 - 80 degrees F.

## Non Mode Automations

- Locks front door at 8:30pm when Guest Mode is off. [Waiting on new hardware for back door]

## Requests

- Every day at 8:30 pm, lock all doors.

Locks front door at 8:30pm when Guest Mode is off. [Waiting on new hardware for back door]

Vacation Mode: Ask to enable if we're both gone for 24 hours

AviWFM: Tie to Avi's work calendar

# Next Steps

Tasks and plans

Next Steps

# Winter Break 2024

- Recycling
- Trash
- Fridge audit
- Meal prep
- Run/work out
- Clean office
- Passport
- Downstairs tablet mount
- Back door lock

Maybe

Done

- Migrate Projector PC to ceiling
- Medicine cabinet