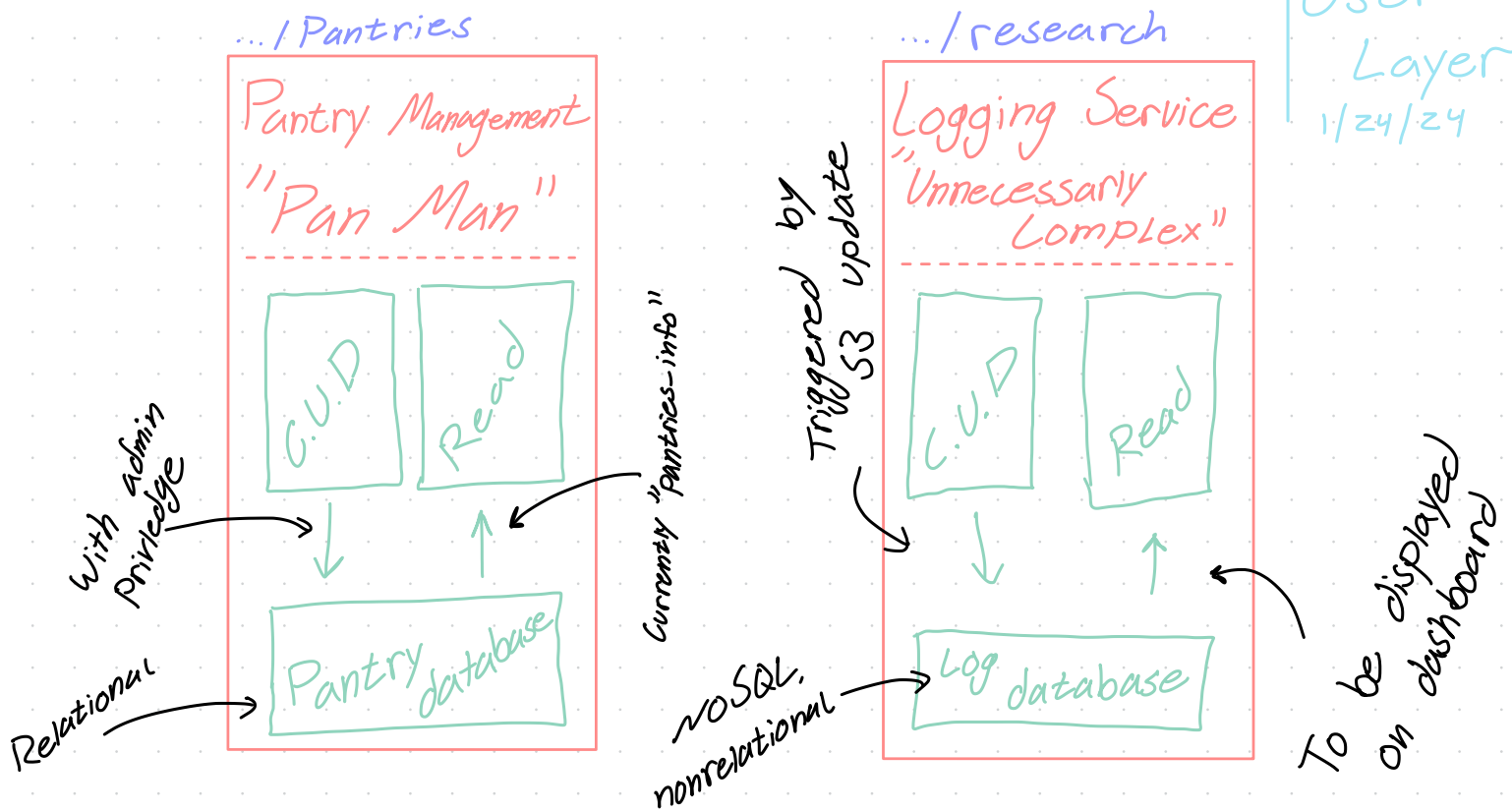


User Layer
1/24/24



User ^{Interacts w/} → Pantry ^{Sends photo to} → API Gateway

IOS / AI

"Optimus Prime"

Image
Optimization

Receives an
image

- Resizes
- Compresses?
- Optimizes

filler
bucket

Contains "queue" logic
- Receive image, wait
x mins, then send

"Sky net"

AI Image
Recognition

- Compares
the new \neq
old images
- Extracts
image details

S3 asset
bucket used by
frontend →

S3

Frontend

Pantries

Asset
bucket
S3

API
gateway

Pan Man

LOG

IOS / AI

Create
update
delete
Read

Create
update
delete
Read

IOS
Lambda

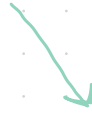
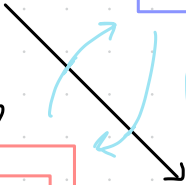
S3

AI
Lambda

SQL

noSQL

IF
new



IOS /
AI

Only IOS/AI
can add to
the bucket

can be
viewed by
anyone

Asset
bucket

Once an
item has
been added

LOG
Service