

Ping, a digital wholesaler of local products

for Kraft Heinz • 2020, 12-week project

Project Mission

**Help KHC enter
the healthy food
business**



KraftHeinz

Client based in Chicago

Context

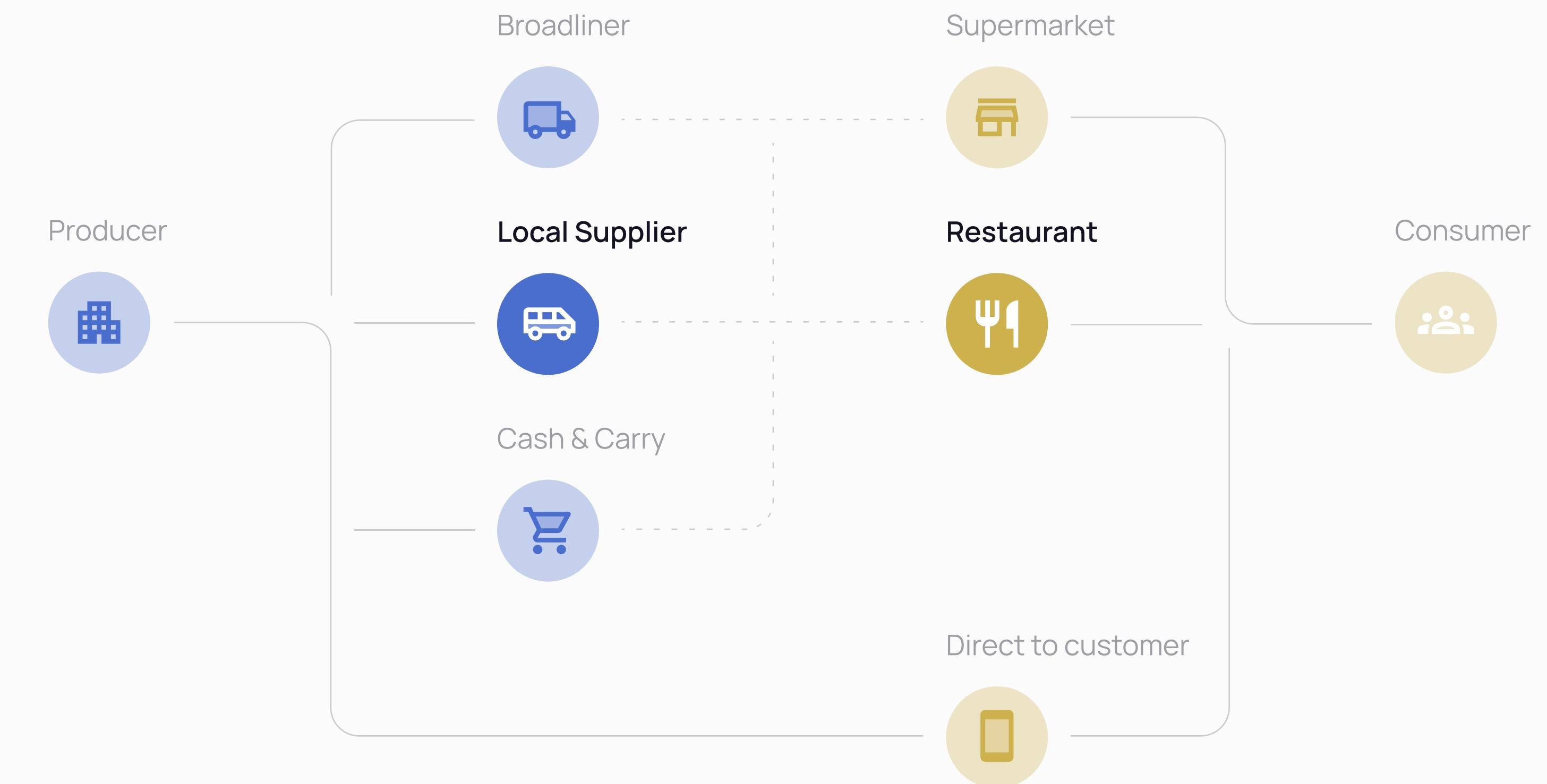
An industry with many actors

Initial ideas

Many B2B and B2C opportunities were explored

Selected idea

Restaurant-Supplier relationship was selected



Initial Research

Local Food Suppliers

Company

10-20
people team

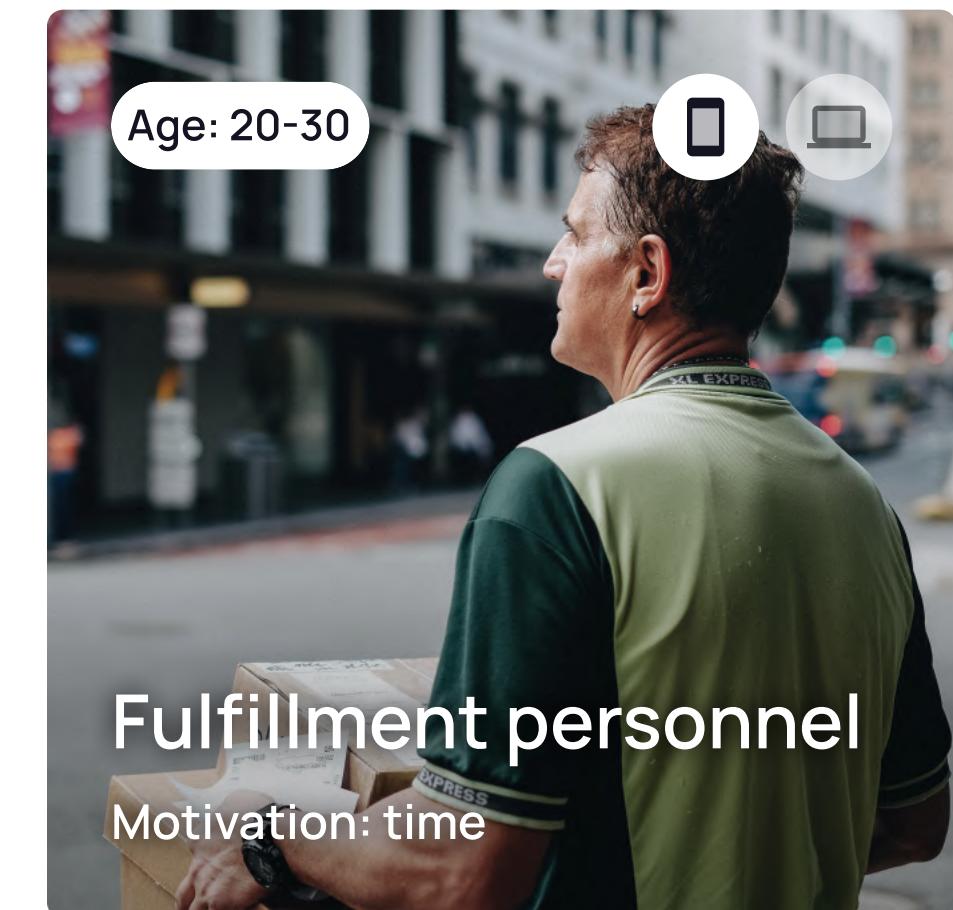
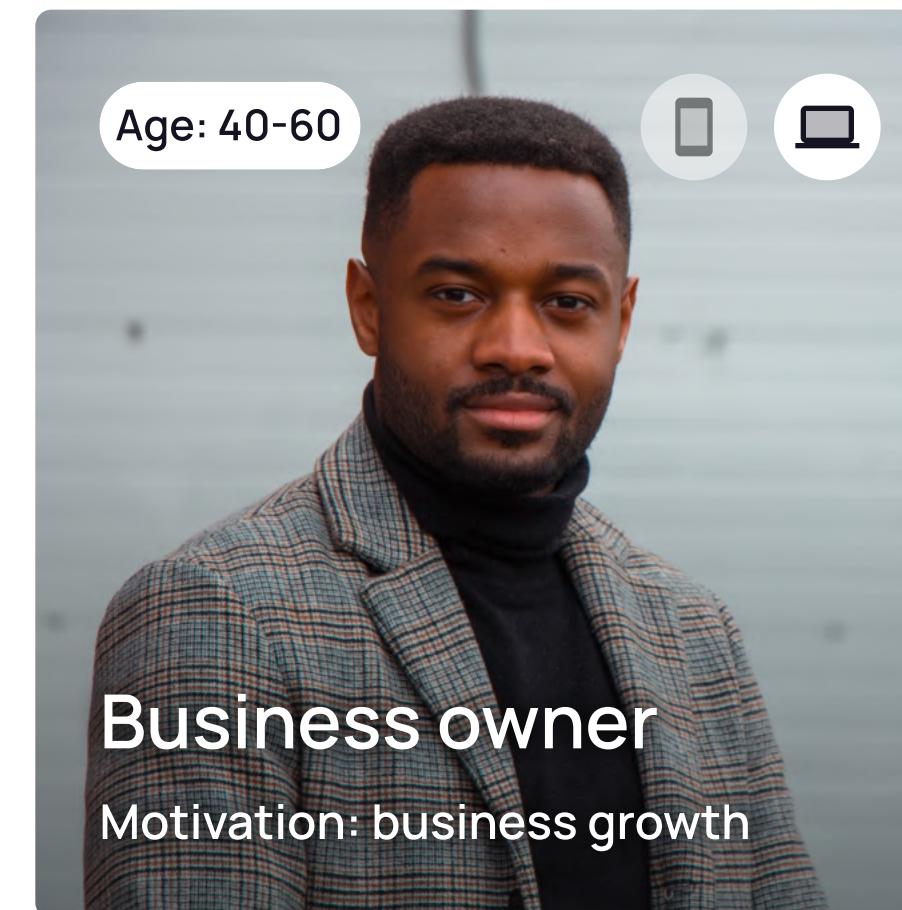
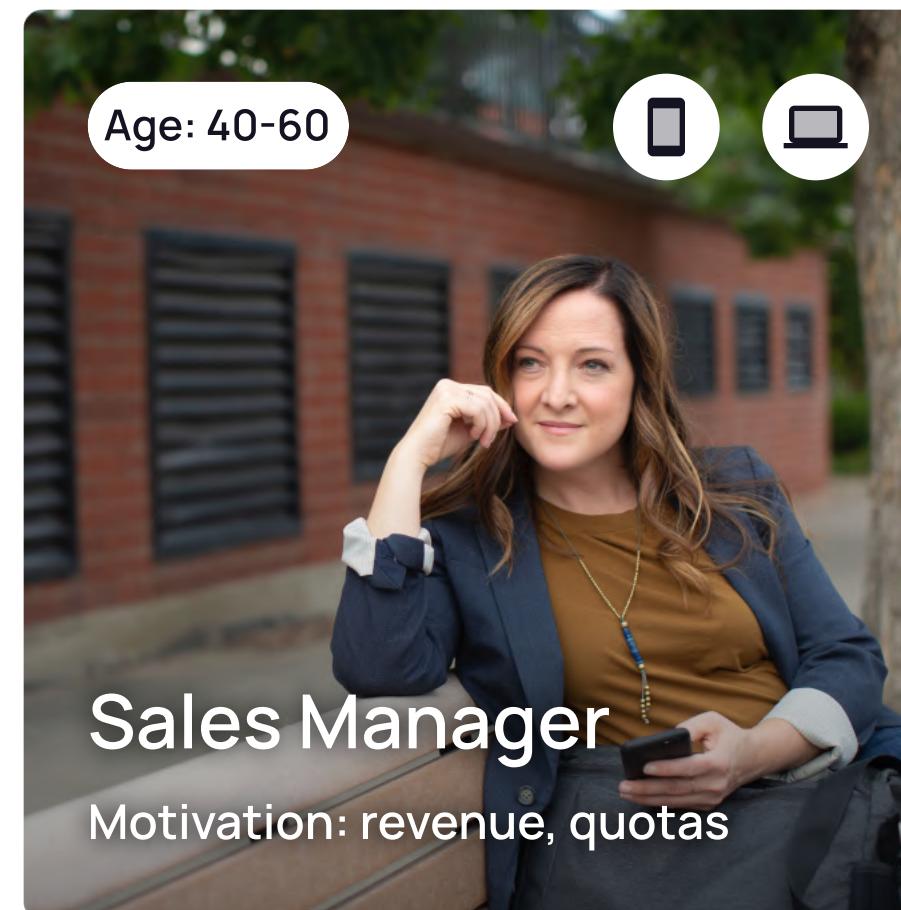
Lowest
price point

Best
quality

1
food category

1
local zone

People



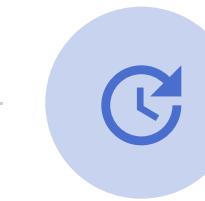
Journey



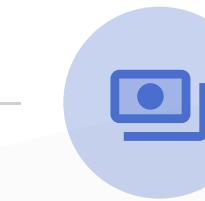
Acquiring new business
Deprioritized



Taking orders
Repetitive, Errors



Updating prices
Manual



Payment
Practicality / Fees



Prep & Fulfillment
Communication, Errors

Initial Research

Independent Restaurants

Company

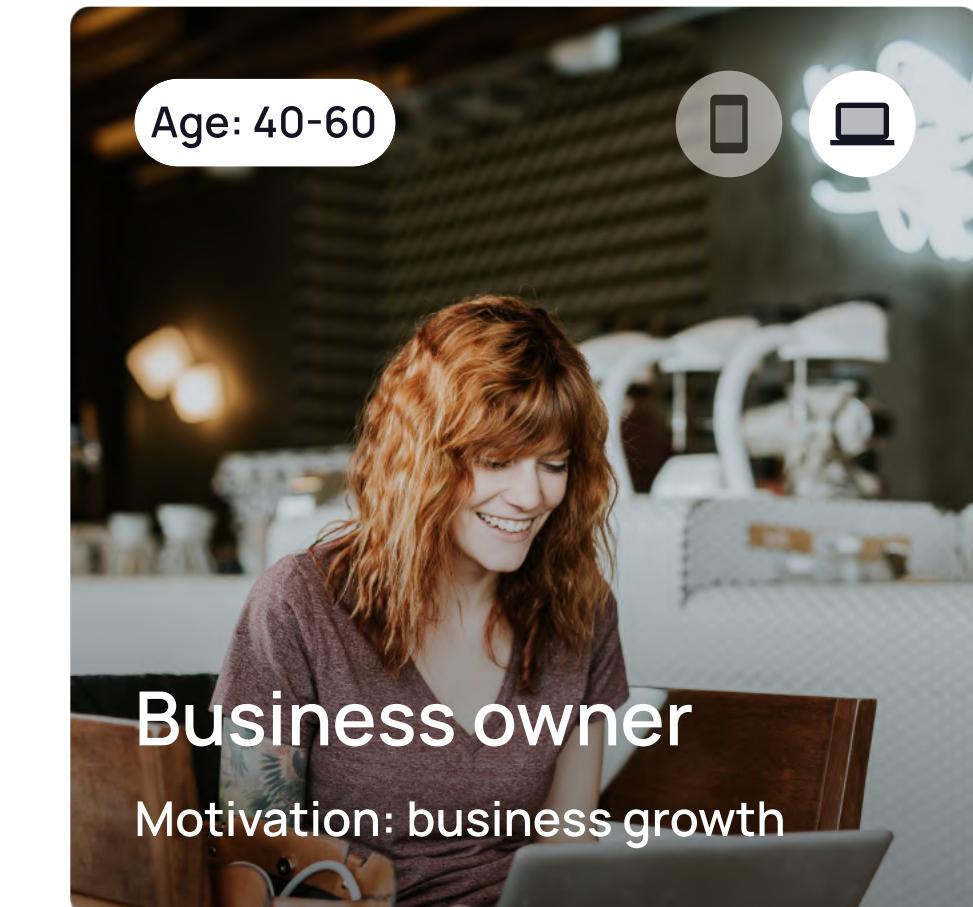
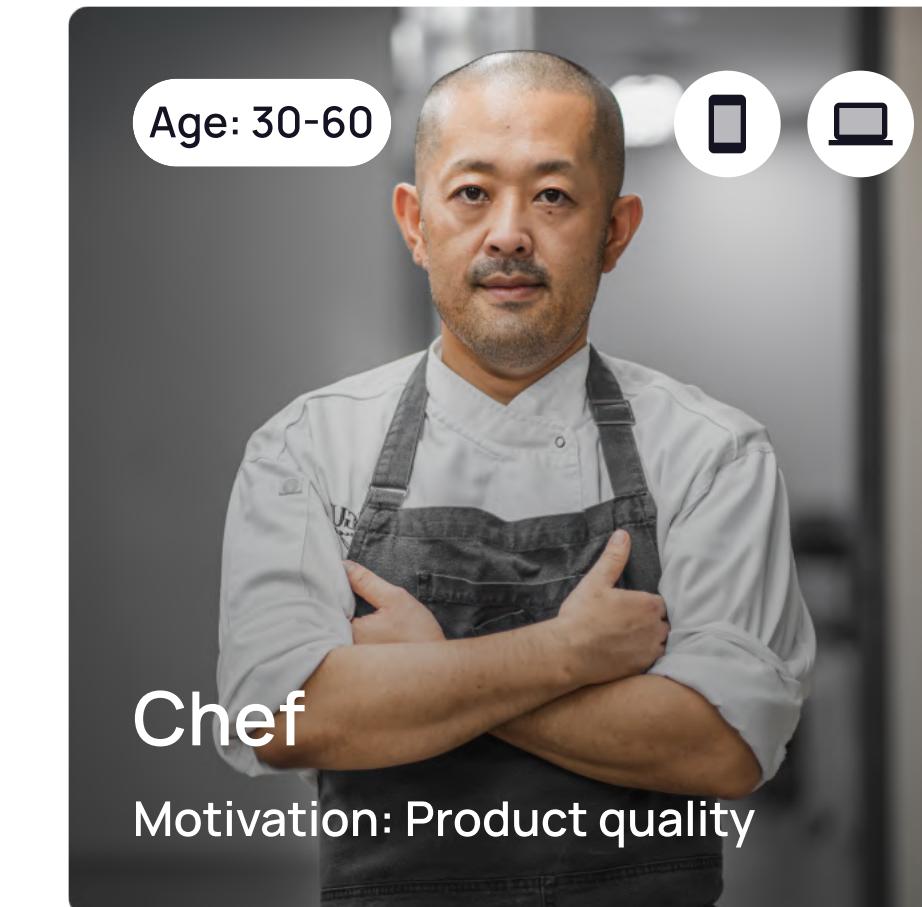
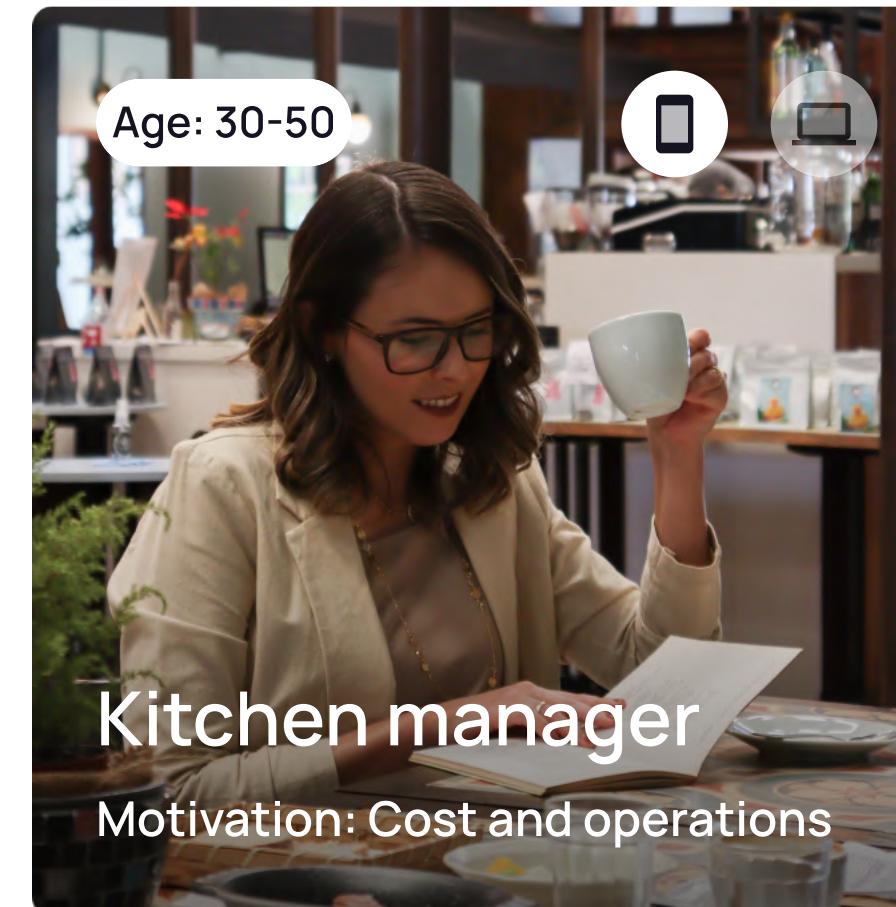
\$2k
weekly order

30%
of total costs

Costs
drive business

5h
on procur.

People



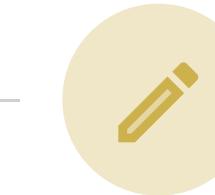
Journey



Discovery
Fragmented



Ordering
Manual



Re-ordering
Repetitive



Payment
Cashflow / Fees



Delivery coordination
Unreliable

Four areas of collaboration

People goals

Restaurants

How might we centralize the **price-shopping** experience?

Suppliers

How might we automate catalogue & pricing **requests**?



Discovery



Ordering



Payment



Delivery

How might we **facilitate** orders and re-orders?

How might we help with **cash flow** and keep fees down?

How might we increase delivery **reliability**?

How might we help **process** orders and re-orders without errors?

How might we automate payments and keep **fees** down?

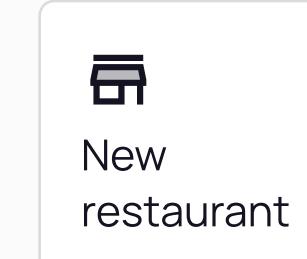
How might we act as a **facilitator** during deliveries?

Business goals

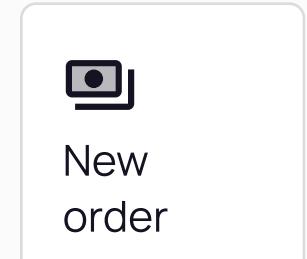
Beta with 10+ restaurants in 4 months



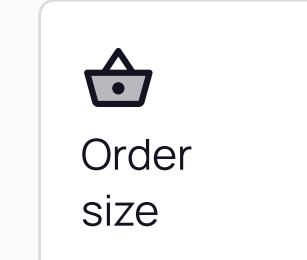
Restaurant KPIs



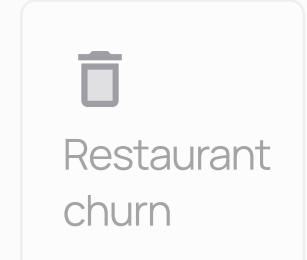
New restaurant



New order



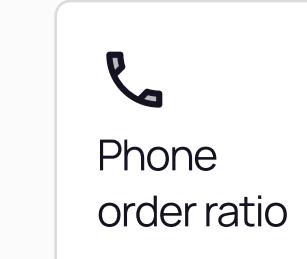
Order size



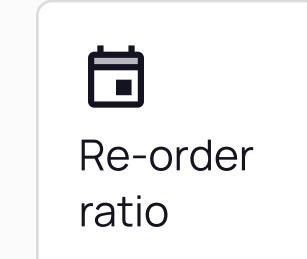
Restaurant churn



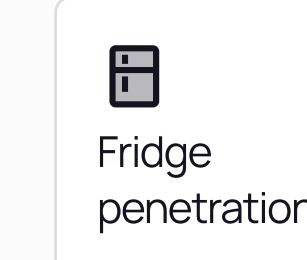
Product KPIs



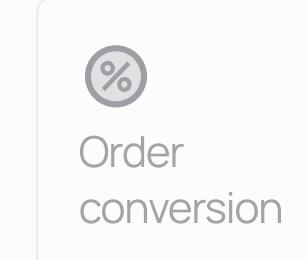
Phone order ratio



Re-order ratio



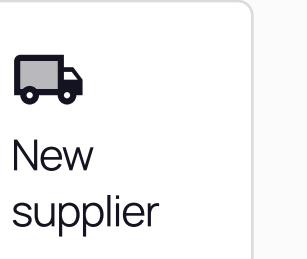
Fridge penetration



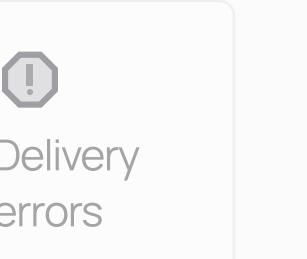
Order conversion



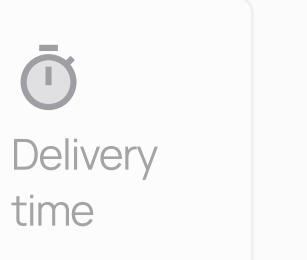
Supplier KPIs



New supplier



Delivery errors



Delivery time

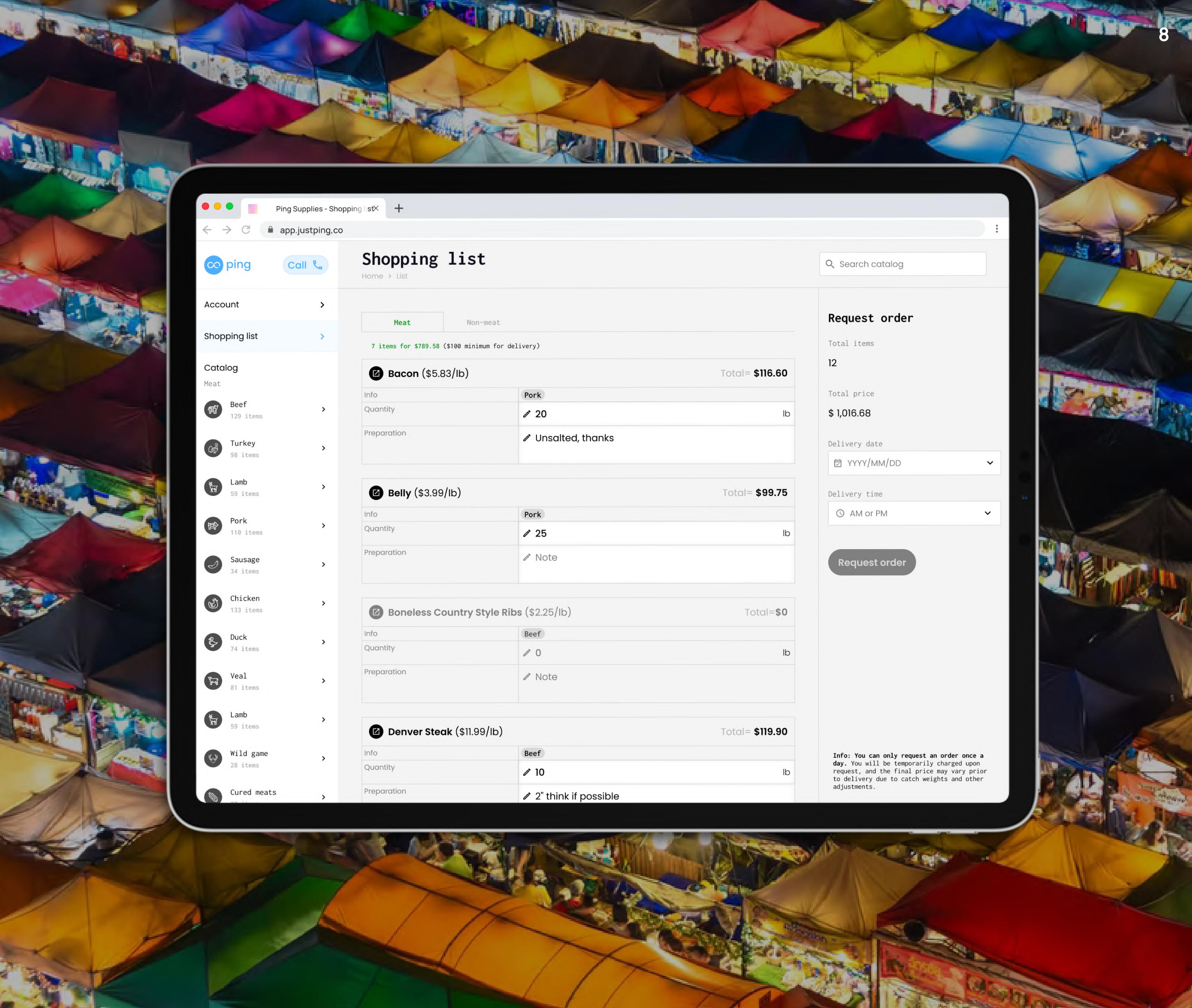
*Grey KPIs: although we were tracking them, I am unable to retrieve the data at this time.

Solution

Ping, a digital wholesaler of local products

Restaurant Journey

1. Browse 2000+ local products
2. Create shopping list
3. Request quotes
4. Pay online
5. Weekly deliveries, text updates

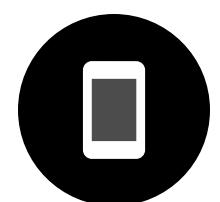


Timeline

Four iterations in four months

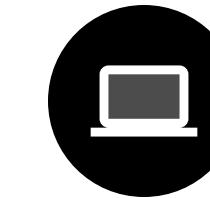
Mobile web app

V1 • April



Switched to desktop & tablet

V2 • May



Timeline

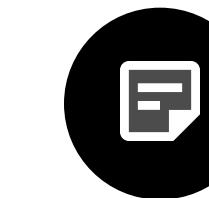
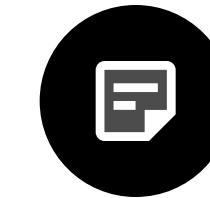
New mental model: shop lists

V3 • June



Shop lists improvements

V4 • July



Version 1

Objectives

Barebone product: order meat and produce from mobile

Success

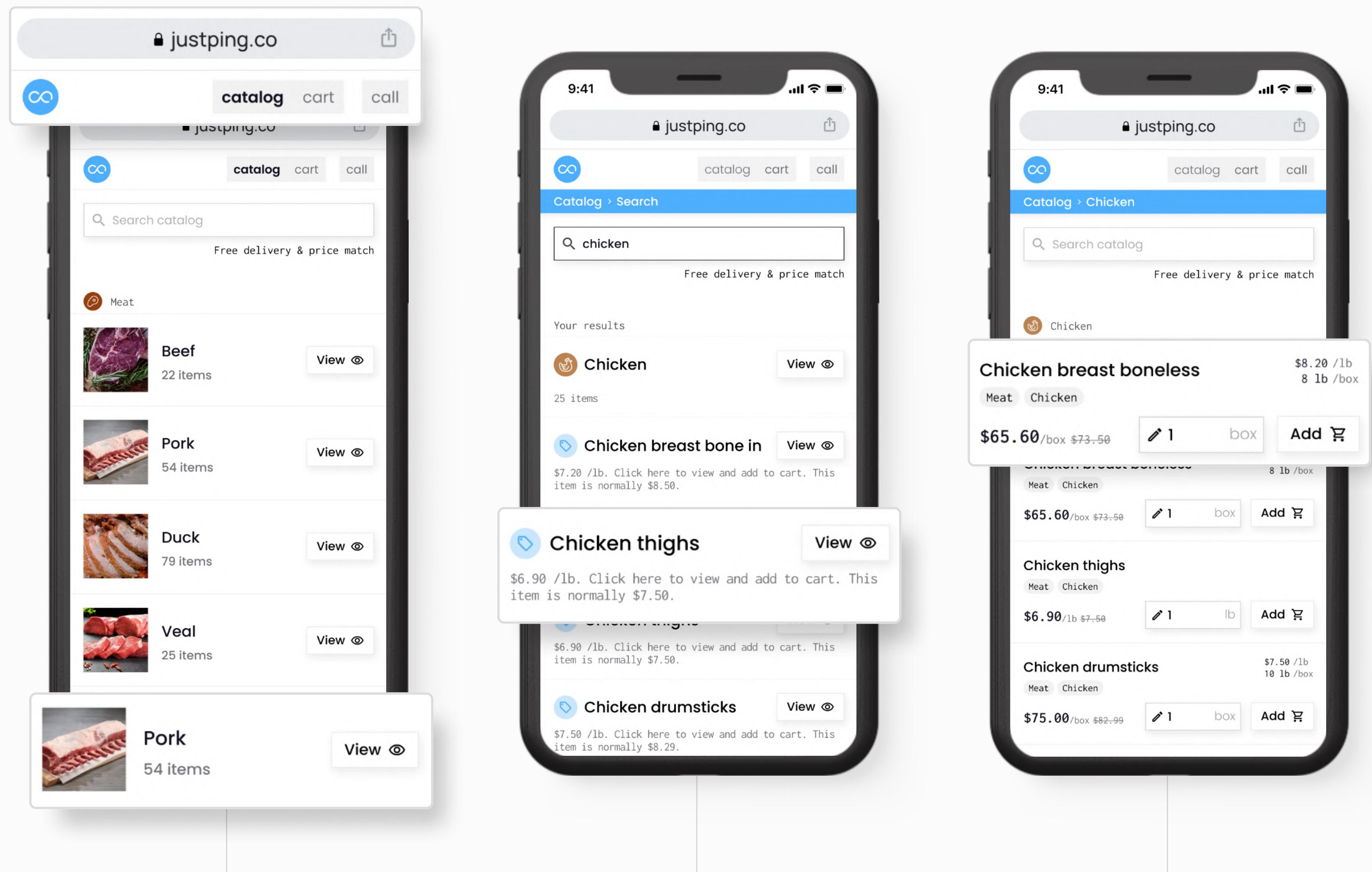
Get a couple of restaurants to buy, gather feedback

Results

- 😊 Centralized catalog
- 😊 Pricing transparency
- 😢 Mobile experience for discovery
- 😢 Want more choice

Metrics

Restaurants	2	Orders /m	2.5
New orders	5	Re-order rate	62%
New sales	\$4,000	Phone order ratio	40%
Order size		\$800	



Home

User needed to easily search, browse, and call.

Search

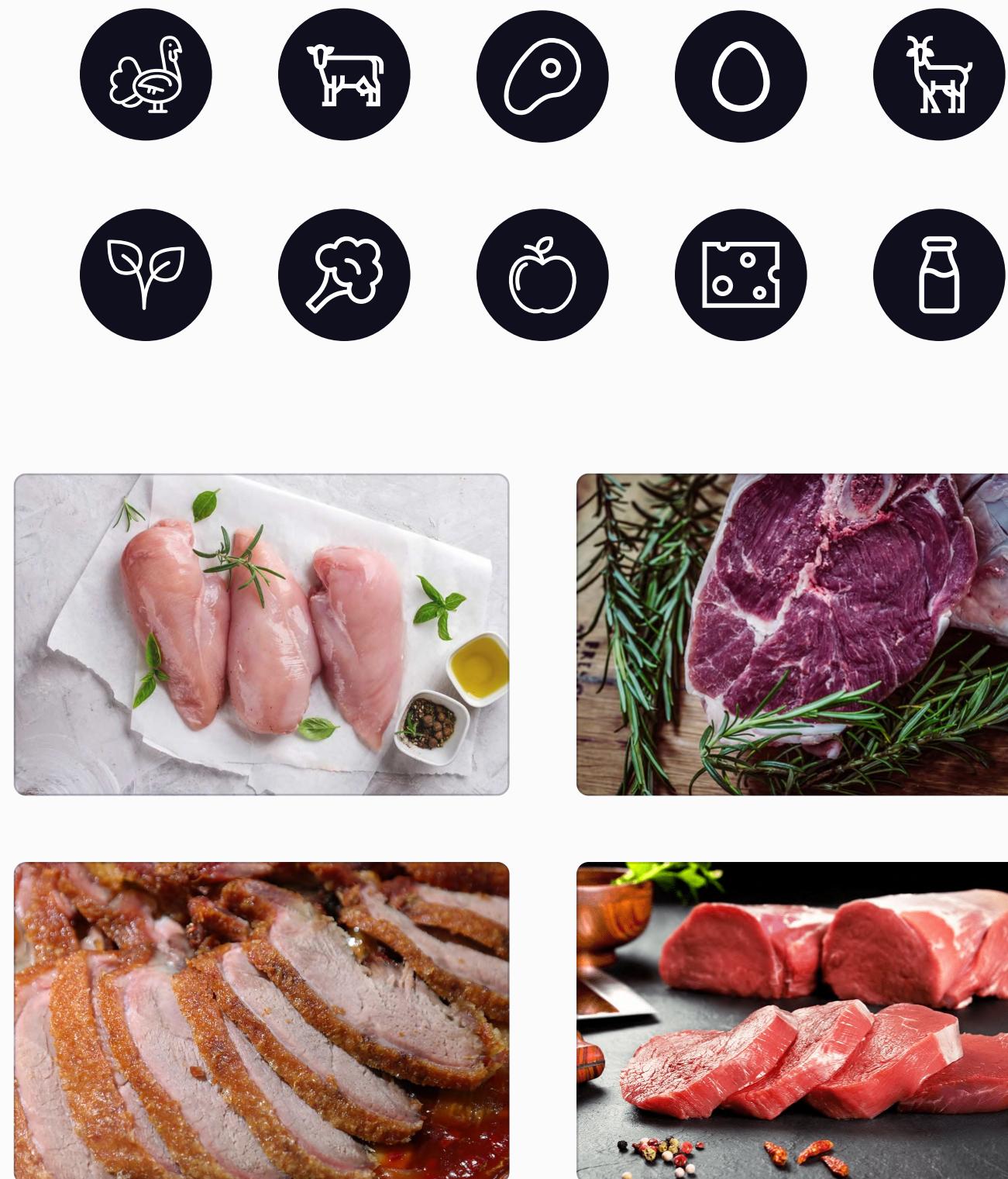
People know what they want. Search was important.

Collection

Metadata: no image, no description. Added order input

Version 1

Building: 3 weeks Testing: 1 week

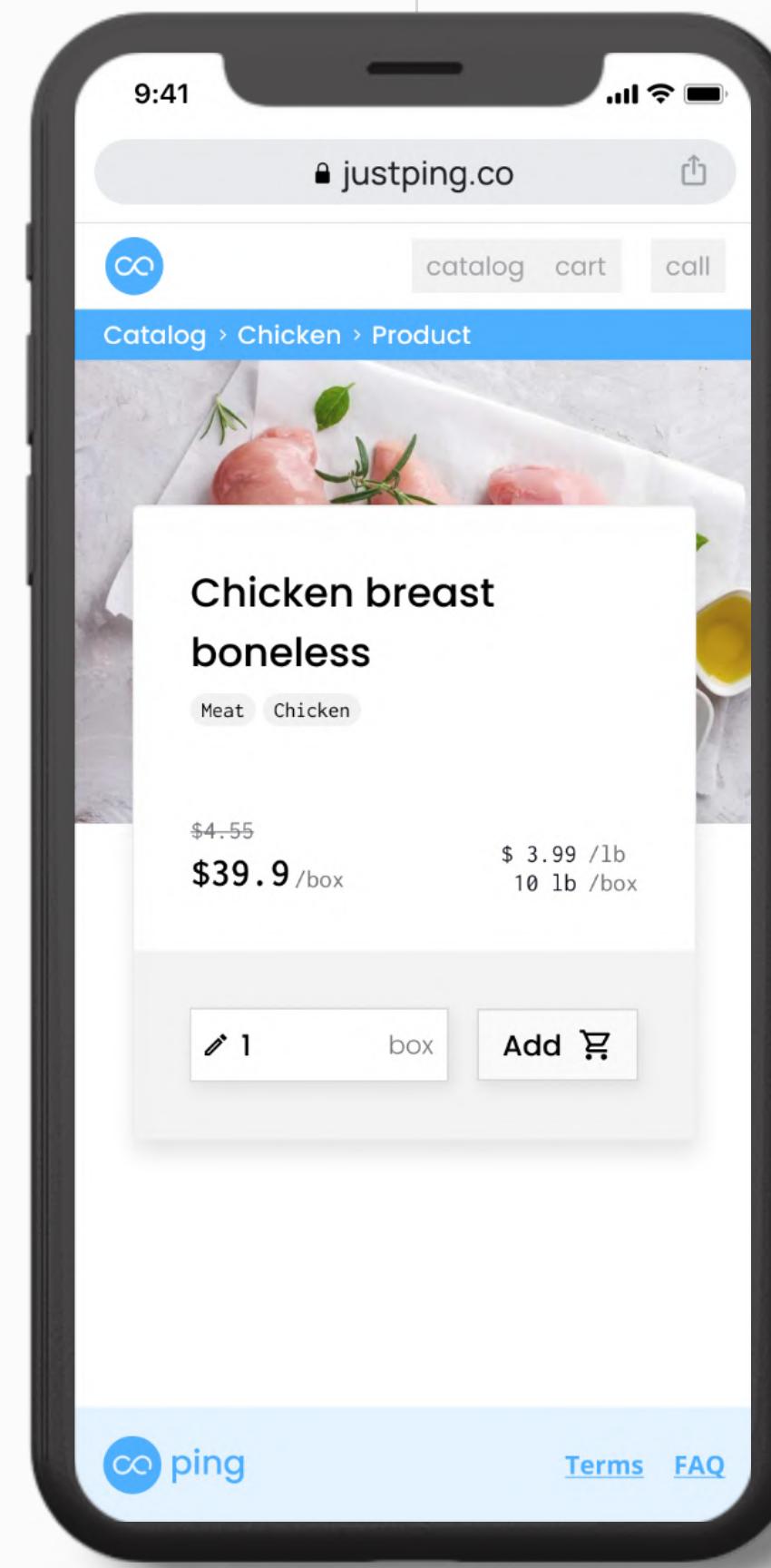


Imagery and Iconography

Attempts at compensating for the amount of text

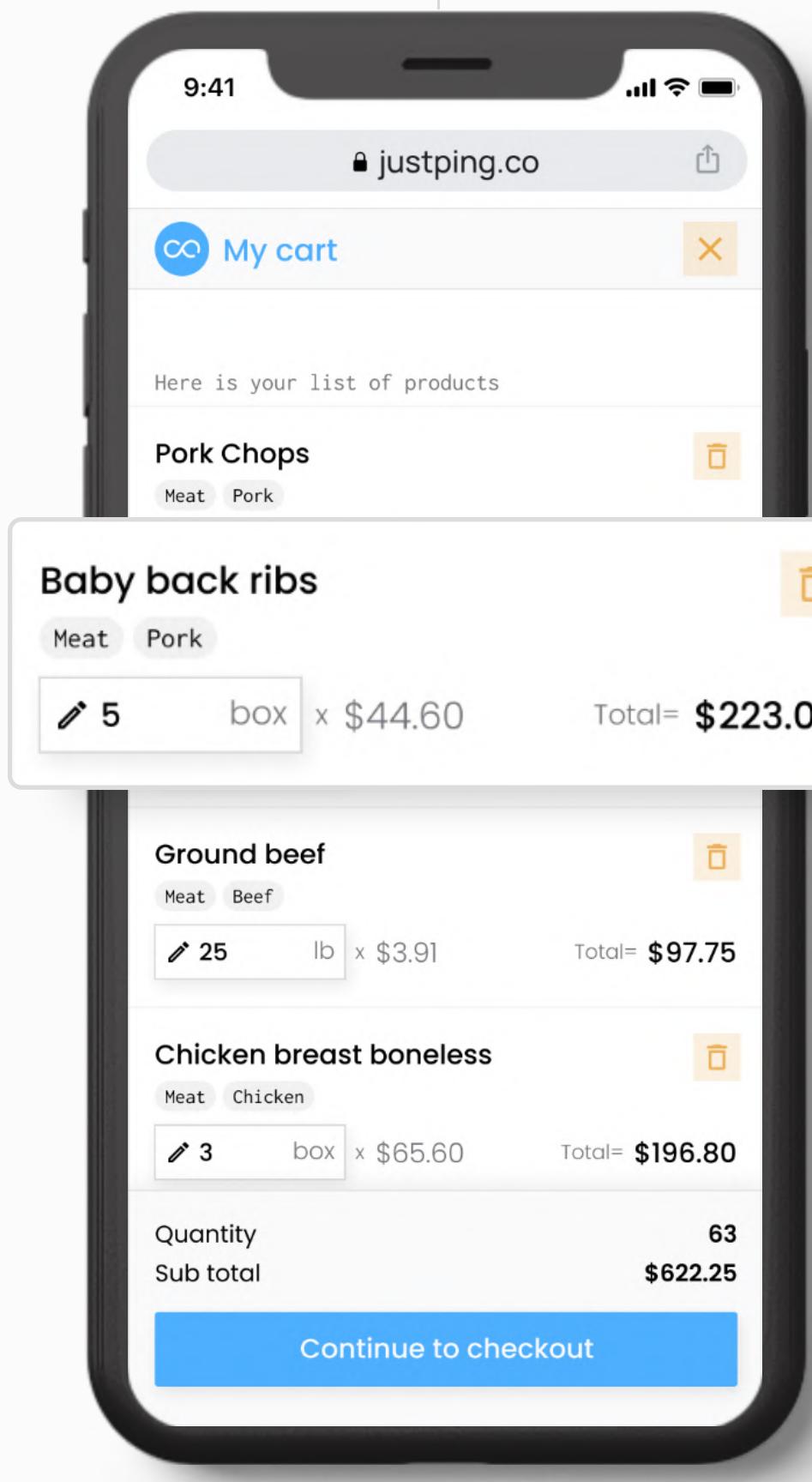
Product page

Modal design to spread limited amount of content.



Cart

Where the budgeting interactions took place.



Checkout

Long and redundant checkout.

9:41

justping.co

Checkout

Delivery contact
An email we can reach in case for order coordination.

Email address

Delivery Address
We only deliver to business addresses in the **Chicago** area. We are unable to deliver to residential addresses.

Name of person accepting delivery

Street Address

City

State / Province

ZIP code

Country

Delivery Scheduling
Weekday delivery window: 9am to 3pm. Next day delivery available for orders processed before 3pm.

Delivery Date

Version 2

Objectives

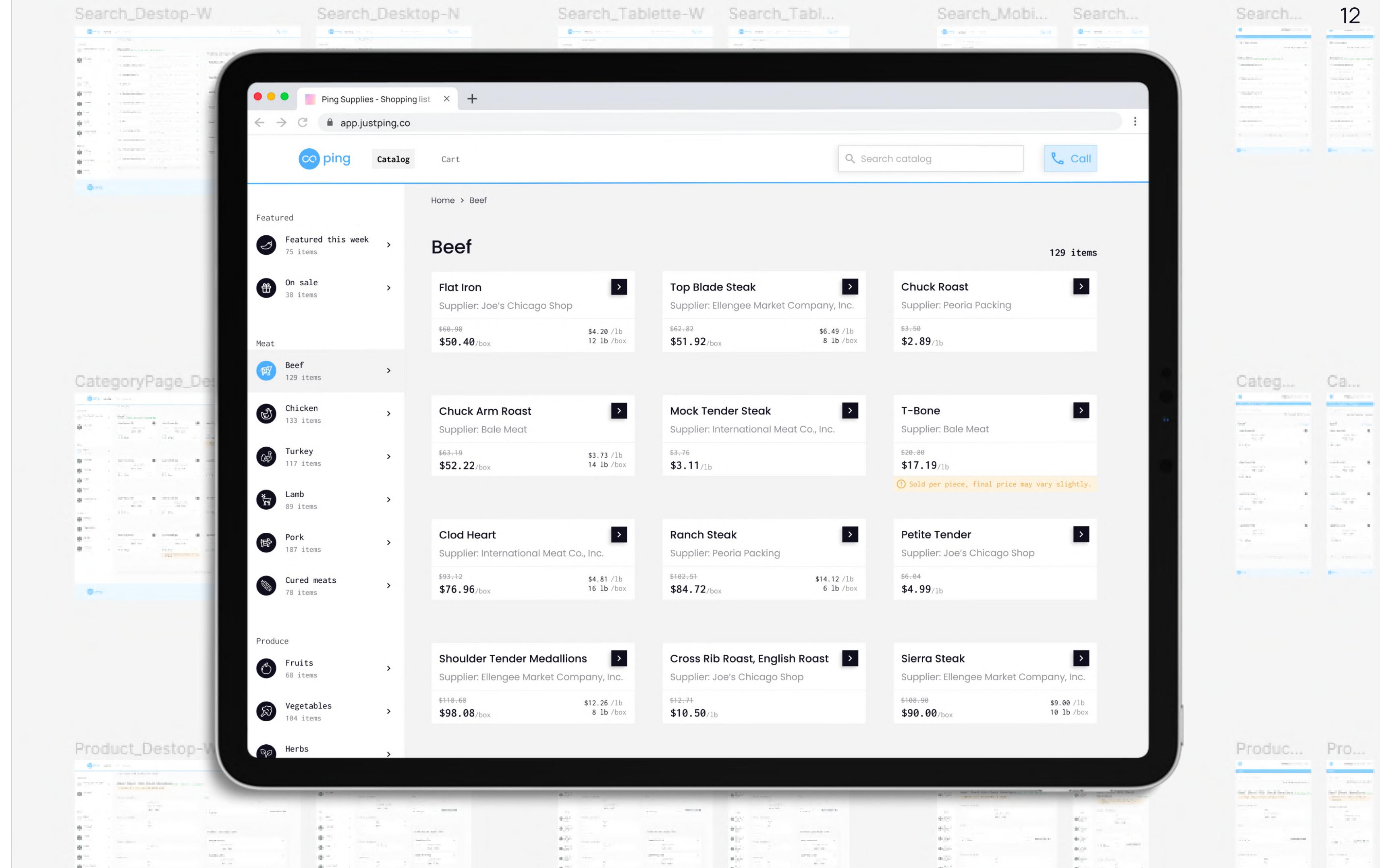
Larger devices will increase conversion & recurrence.
Products can be recommended.

Success

Reach 10 monthly orders. Improve order rate. One recommended product ordered

Results

- 😊 Responsive experience
- 😊 Choice
- 😢 Unable to save info
- 😢 Changes after quote



Metrics

Restaurants	↗ 5	Orders /m	↗ 3.2
New orders	↗ 16	Re-order rate	↗ 80%
New sales	↗ \$13,000	Phone order ratio	↘ 31%
Order size			→ \$813

Responsiveness

Designed each extremes of each breakpoint, used symbols.

Product Card

Removed the add-to-cart input because it wasn't used.

Version 2

Building: 2 weeks Testing: 1 week

Featured

- Featured this week > 75 items
- On sale > 38 items

Meat

- Beef > 129 items
- Chicken > 133 items
- Turkey > 117 items
- Lamb > 89 items
- Pork > 187 items
- Cured meats > 78 items

Produce

- Fruits > 68 items

Recommendations

Implemented fast but wasn't a success.

Short Rib Chuck Boneless

General

Supplier	Joe's Chicago Shop
Category	Meat Beef
Package size	16" x 20" x 3" inch

Diets

Allal	Yes
Kosher	No
Vegan	N. A.
Vegetarian	N. A.

Order

Unit price	Originally \$4.55 \$35.91 /box
Minimum order quantity	1 box
Lb per box	3 lb/box
Price per lb	\$11.97 /lb

Preparation

Skinless	No
Boneless	Yes

Product schema

We improved the schema to reflect how users purchased

Beef Short Rib Chuck Boneless

Supplier: Joe's Chicago Shop

\$4.55
\$3.99/lb

! Sold per piece, final price may vary slightly.

Beef Short Rib Chuck Boneless

Supplier: Joe's Chicago Shop

\$4.55
\$3.99/lb

! Sold per piece, final price may vary slightly.

Beef Short Rib Chuck Boneless

Supplier: Joe's Chicago Shop

\$23.88
\$19.9 /box

\$ 1.99 /lb
10 lb /box

Version 3

Objectives

A quote request system will improve conversion. Saving restaurant info will increase conversion

Success

Order rate improvement. Conversion improvement:
+30% in catalogue/search > cart, +30% in cart > quote.

Results

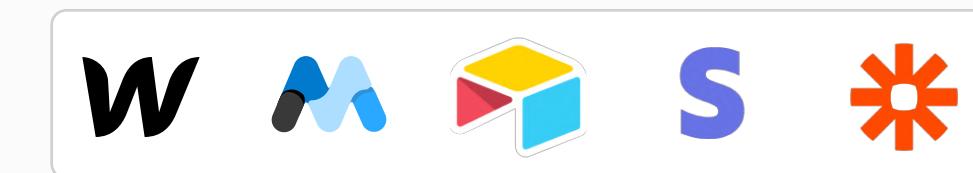
- 😊 Shopping lists
- 😊 Request a quote
- 😊 Add instructions
- 😢 Search and filter experience

Metrics

Restaurants	↗ 11	Orders /m	→ 3.2
New orders	↗ 35	Re-order ratio	→ 79%
New sales	↗ \$37,000	Phone order ratio	↘ 22%
Order size	↗	\$1057	

No code tools

Combining no code tools so users can request quotes.



The screenshot shows a web application for managing a shopping list. The main page is titled "My Shopping List". On the left, there's a sidebar with categories: Featured, Meat, Produce, and Other. Under "Meat", there are sub-categories: Beef, Chicken, Turkey, Lamb, Pork, Cured meats, Fruits, and Vegetables. The "Meat" tab is selected. The main content area shows a list of items with their unit price, quantity, and preparation instructions. A modal window titled "Request a quote" is open, containing fields for items (27), total (\$637.12), delivery date (YYYY/MM/DD), and delivery time (9am - 12pm). Below the modal, there are sections for "Delivery Info" and "Payment Info". At the bottom, there are fields for "Delivery date" and "Delivery time".

New technology

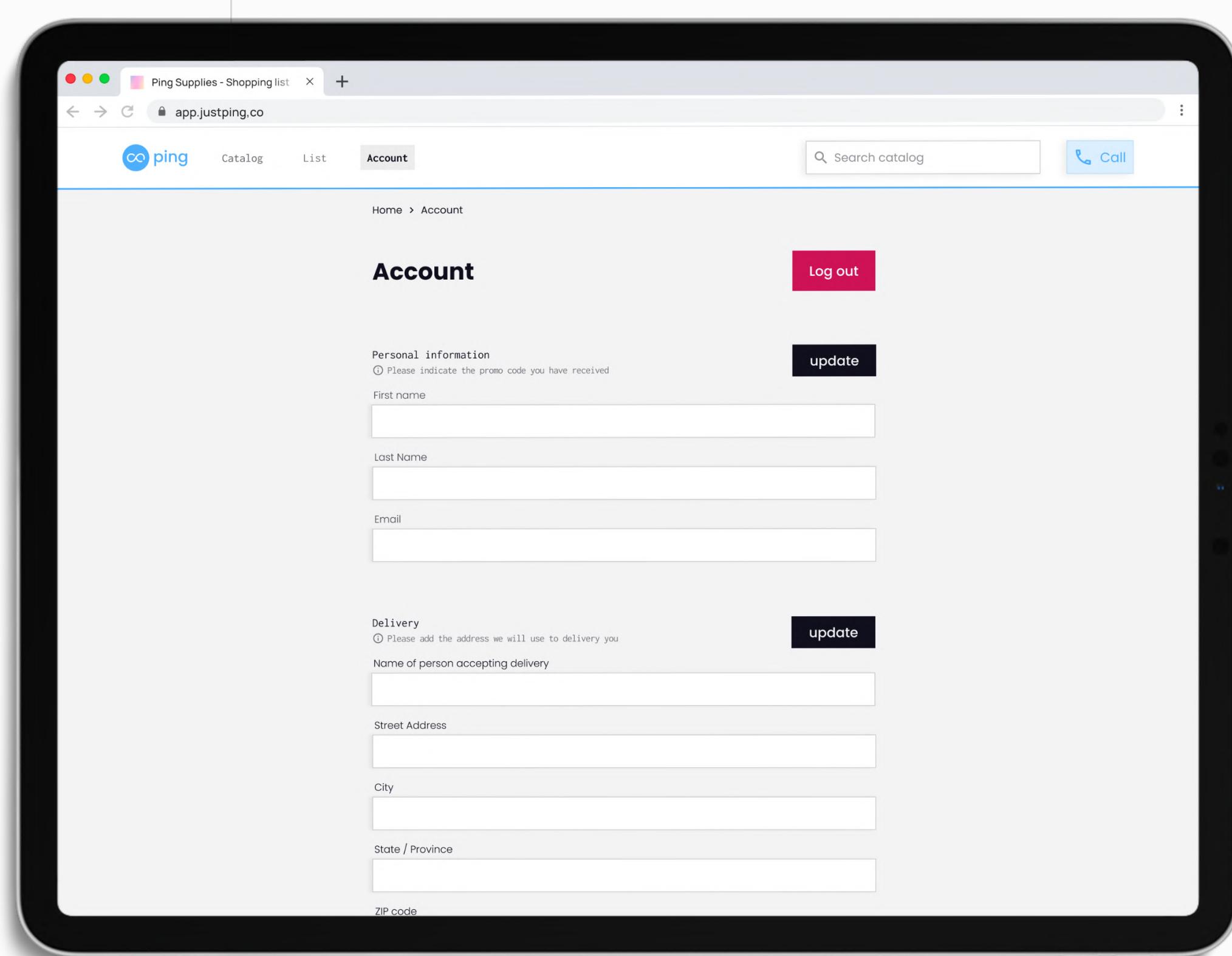
New stack enable to improve budgeting and facilitate the ordering process.

Version 3

Building: 3 weeks Testing: 1 week

Storing relevant info

Saving delivery and payment info



New mental model > new design

From add-to-cart to save-to-list. Quantity input not yet possible but not crucial.

Version 4

Objectives

Improve conversion with search and filters, updated nav, CTA added to cards.

Success

+20% in search > cart, and +10% in catalogue > cart.

Results

V4 was shown to users but not launched.

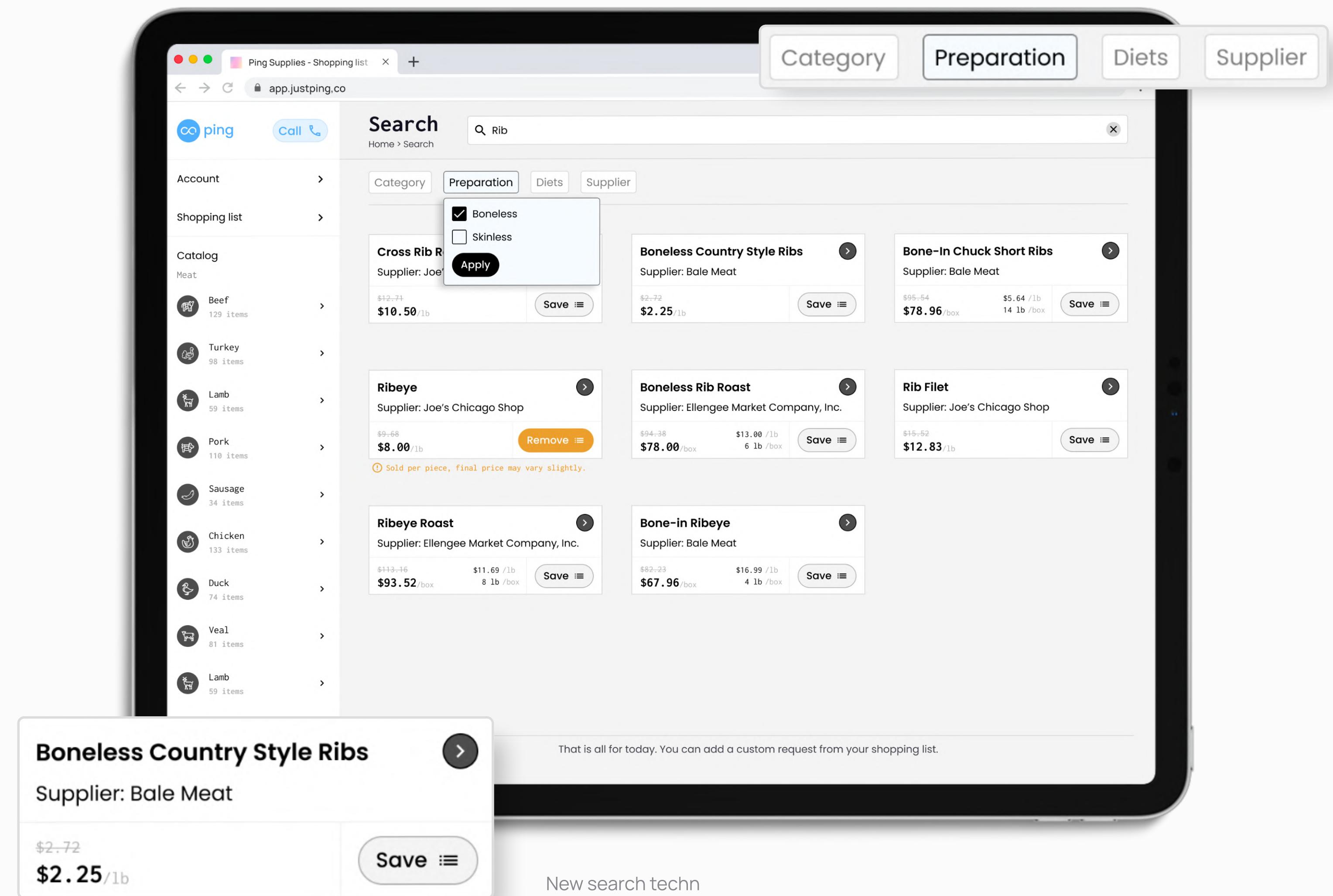
- 😊 Loved the search and filters
- 😊 Thought the CTA on card already existed
- 😐 Did not see a change between old/new nav.

Metrics

Restaurants	↗ 16	Orders /m	↗ 3.8
New orders	↗ 61	Re-order ratio	↗ 95%
New sales	↗ \$65,000	Phone order ration	↘ 18%
Order size		→ \$1066	

Search page

Opensource low-code API enabled search and filtering of products (not pages)



New search techn

We added relevant info and actions to the search result cards.

Version 4

Building: 2 weeks Testing: 1 week

Updated navigation

Easier for users to go from list to catalogue

Special request

A way to learn about customer desire

Shopping list

5 items for \$205.80 (\$100 minimum for delivery)

Tomato, Better boy (\$1.89/lb)	Total= \$56.70
Info	Vegetable
Quantity	30 lb
Preparation	Note

French green beans (\$2.13/lb)	Total= \$42.60
Info	Vegetable
Quantity	20 lb
Preparation	Note

Apple, Granny Smith (\$1.32/lb)	Total= \$26.40
Info	Fruit
Quantity	20 lb
Preparation	Note

Catalog

Meat

- Beef 129 items
- Turkey 98 items
- Lamb 59 items
- Pork 110 items

Request order

Total items: 13

Total price: \$1,029.13

Delivery date: 2021/03/21

Delivery time: 9am - 12pm

Special meat order

Need something outside our catalog?

Chicken

Breast whole Supplier: Joe's Chicago Shop \$3.18/lb

Breast, skinless Supplier: Ellengree Market Company, Inc. \$20.94/box

Tenders Supplier: Peoria Packing \$38.60/box

Tenders, boneless Supplier: Bale Meat \$24.60/box

Leg x1 Supplier: Bale Meat \$1.54/lb

Leg x2 Supplier: International Meat Company, Inc. \$2.99/lb

Drumstick Supplier: Bale Meat \$1.84/lb

Thigh, bone in Supplier: International Meat Company, Inc. \$3.99/lb

Thigh, skinless Supplier: Joe's Chicago Shop \$4.01/lb

Wing Supplier: Ellengree Market Company, Inc. \$4.60/lb

Wing, skinless Supplier: Peoria Packing \$32.96/box

Thigh, skinless
Supplier: Joe's Chicago Shop

\$4.85
\$4.01/lb

Save

CTA added to product card

Users modifying quantities in the list, so added the CTA on product card

Results

How far did we take this

Re-order ratio

Monthly orders per restaurant (4/month avg.)

+52% 95%

Phone order ratio

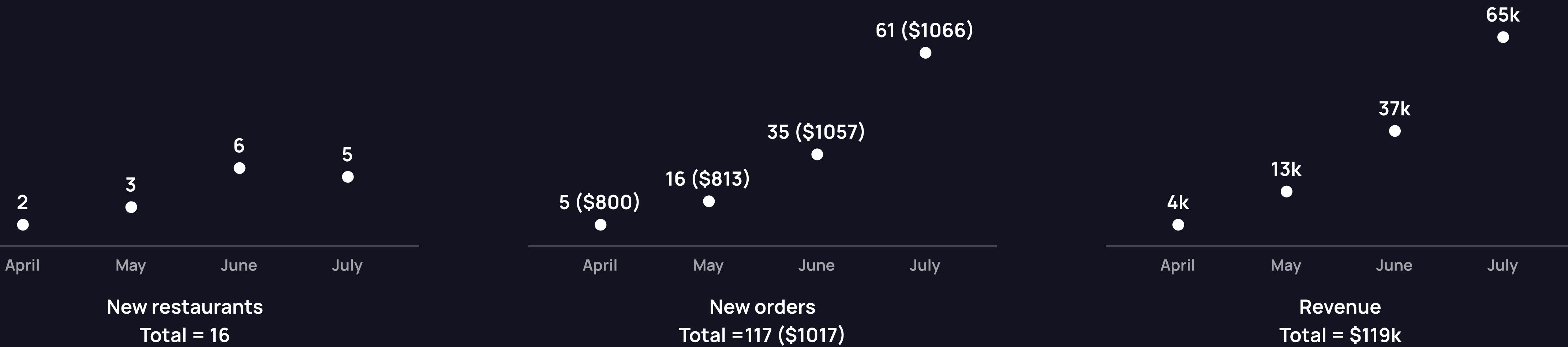
Orders by phone compared to online

-55% 18%

Fridge penetration ratio

Ping sales per total food costs.

+33% 54%





Learnings

Execution learning: Familiarity with technological landscape is crucial

Collaboration learning: Developer communication improves design and tech

Strategic learning: Separating design thinking and implementation

Thank you

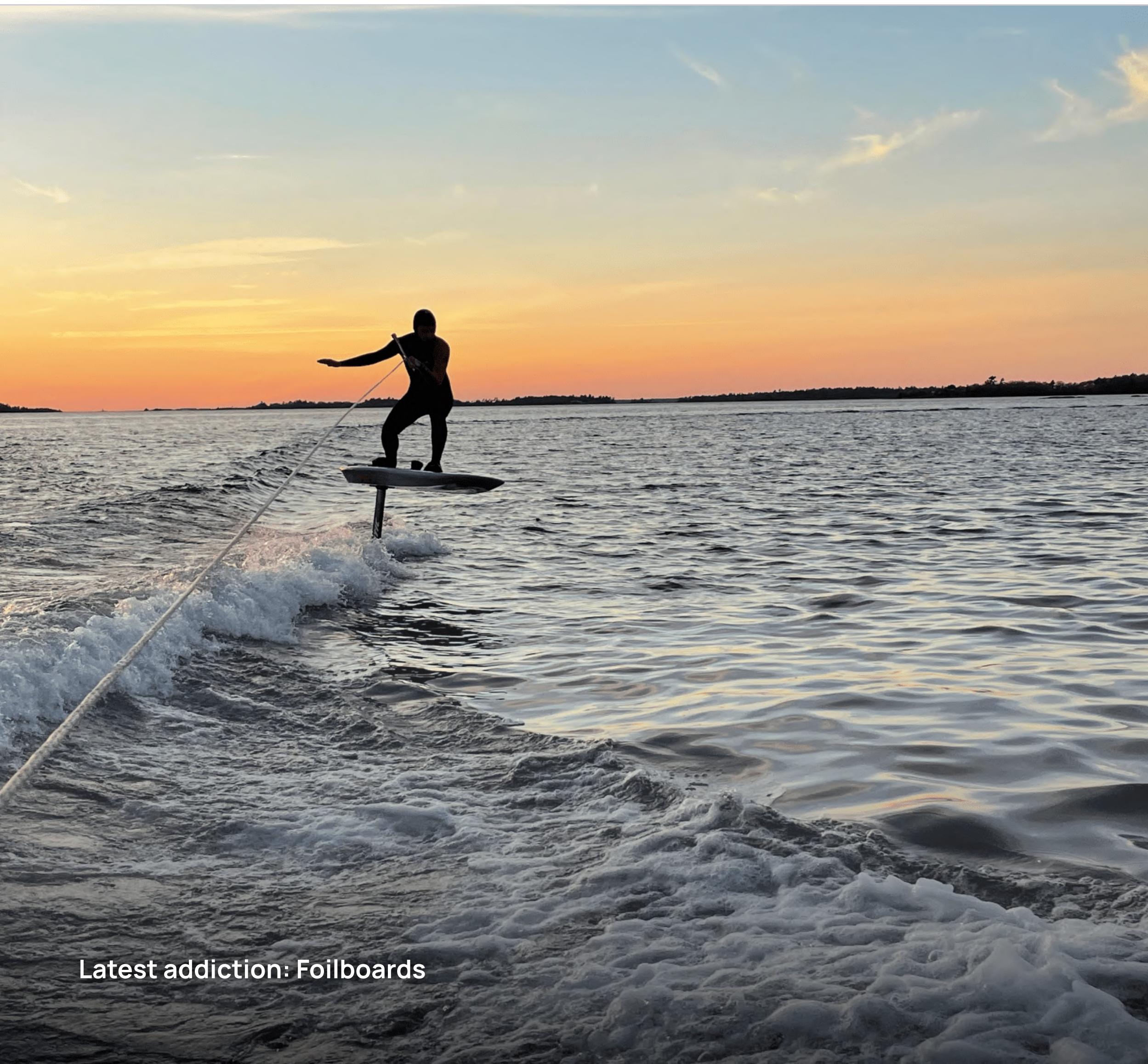
by Benjamin Prigent • bprigent.com

Appenix

About me, Team, Next steps

About

Four things about me



Latest addiction: Foilboards

Activities related to water and wind

If I am not designing, I am most likely wearing a wetsuit.

Lived and worked in 6 countries

France, USA, Cambodia, Korea, Switzerland, Canada

Founded a startup, raised a pre-seed

I often take matters into my own hands to build solutions.

Active in the design community

Open source projects, Medium articles, Office hours

Learn more on
bprigent.com/about

Team

Who did I work with?



Ravi
Operations



Jason
Sales



Me!
Product

Next steps

What areas of collaboration could we improve further?

