

A Google Home smart speaker is centered on a wooden surface. In the background, there is a wooden cutting board, a wooden spoon, and a wooden pepper mill. The entire image has a warm, reddish-brown tint.

Kitchen Assist

...

Making your kitchen smarter with the Google Home

Meet our team



Jesse Peplinski

Idea, Vision, Dialogflow,
Firebase, Google Actions

@jessepeplinski



Jeremy Conn

Front-end, landing page

@jeremyconn



Paul Kwoyelo

Progressive Web App

@paulkwoyelo



Zach Pack

Database Help

@zacharypeck

Problem

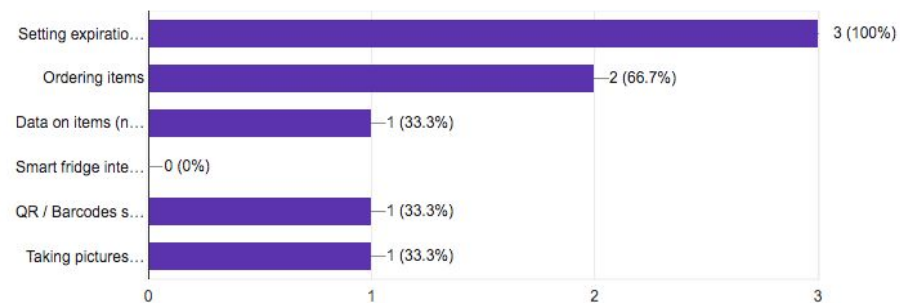
- **Difficult** to keep track of things expiring in someone's kitchen
- **Lot's of stuff** in someone's kitchen, but don't know what to prepare
- **Delivery** of groceries is more convenient than going to the grocery store

Solution

- **Set expiration** dates on any item
- **Generate meals** and recipes based on items in your kitchen
- **Deliver** things directly to your house or local grocery store

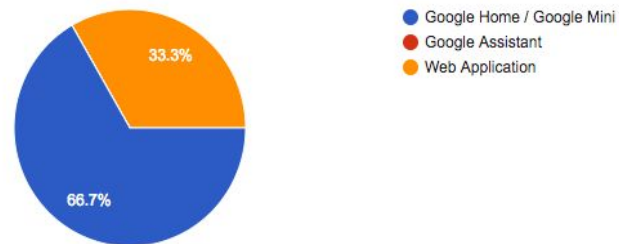
What are the most important parts of a smart kitchen to you? Check all that apply.

3 responses



What are you more likely to use?

3 responses



Tech Stack

- Google Action
 - Actions on Google
 - Dialogflow
 - Nodejs
- Progressive Web App
 - Firebase Hosting
 - Nodejs
- Firebase Authentication
- Firebase Cloud Functions
- Firebase Firestore I see you jesse

What we set out to do

- Locations

- List all locations
- Add
- Update
- Delete

- Items

- List all items in all locations
- List all items in a location
- Add
- Update
- Delete

- Expiration Dates

- List all expiration dates on items
- Add
- Update
- Delete

- Cart

- List all items in cart
- Add
- Update
- Delete
- Purchase

What we actually got done

- Locations

- List all locations
- Add
- Update
- Delete

- Items

- List all items in all locations
- List all items in a location
- Add
- Update
- Delete

- Expiration Dates

- List all expiration dates on items
- Add
- Update
- Delete

- Cart

- List all items in cart
- Add
- Update
- Delete
- Purchase

Demo!

Community Strategy

- Ship page, 3 subscribers
- Blog posts to generate interest
 - [Deliverable 2 Update](#)
 - [Deliverable 3 Update](#)

Future Implementation

- Complete the Google Action / Progressive Web App
 - Setup oAuth, and we're ready to publish MVP
- Make meals based on what is in your fridge
 - Yummly, Spoonacular
- Get interesting data on stuff in your fridge
- Smart fridge integration
- Scan barcode and populate data
- Google Vision API
- Google Transactions API

Connect with us & feedback

- kitchenassist.me
- producthunt.com/upcoming/kitchen-assistant
- github.com/kitchen-assistant
- [@kitchenassist](https://twitter.com/kitchenassist)

Thanks :)

kitchenassist.me/deck.pdf