

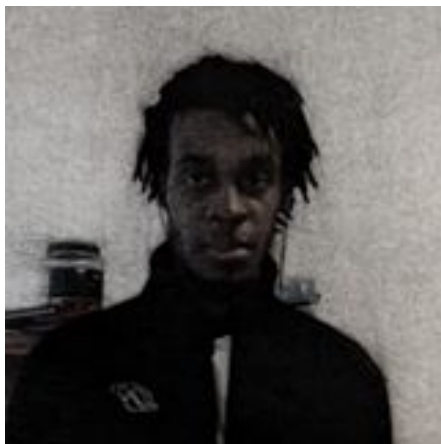


Midway Milestone

Shoppy

CS 147 - Fall 2017

The Team



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Fewer choices, better products.

Value Proposition





Problem/Solution Overview

Problem

In store shopping: transportation, collecting items from the shelves and waiting in for check out.

Online shopping: making choices between similar products, reading comments, finding add-on items for free shipping et al.

Solution

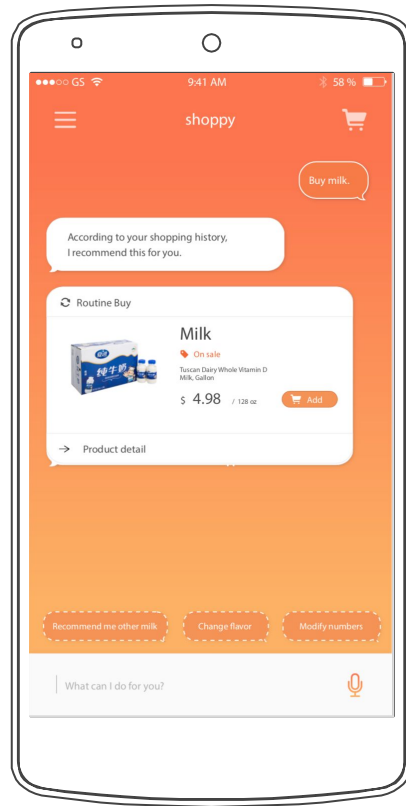
A chatbot knows you.

Only provide limited choices for you.

Remind you to buy things might used up soon.

Shoppy, your shopping assistant

Routine buy, Recommend, Remind





Outline

- Heuristic Evaluation Results
- Prototype status
- Demo



Heuristic Evaluation Results



Overview of Changes

- Changed the **appearance of the chatbot**
- Modified the functions of **reminder**
- Redesigned the **suggested input**: changed appearance, added functions
- Redesigned the **shopping cart** with reminder and buy later
- Added **search page**

Recommend vs Remind

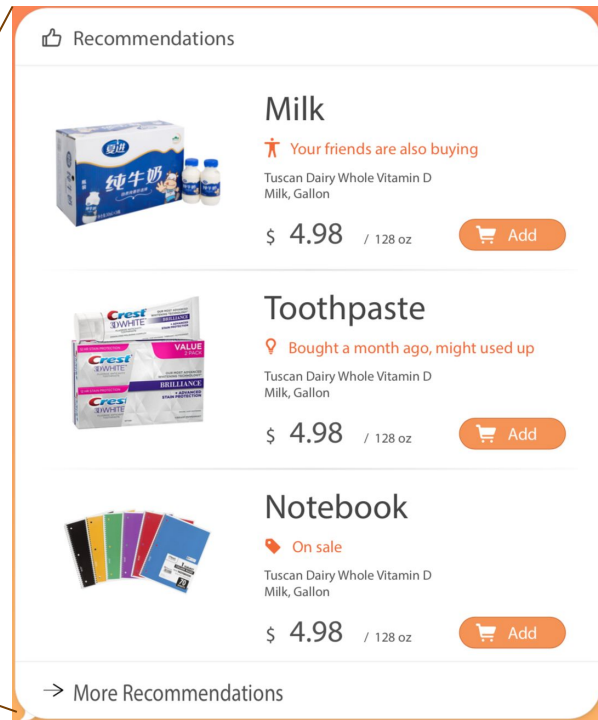
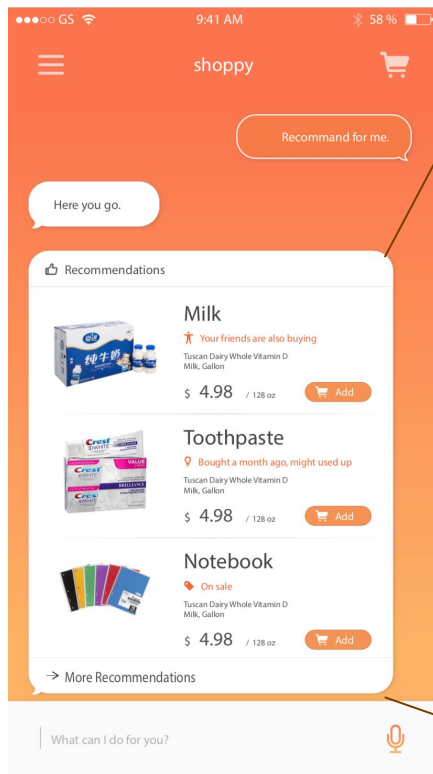


- Problem

No clear difference
between
Recommend and
Remind

- Solution

1. Collapse
2. Reminder in cart



Recommend vs Remind



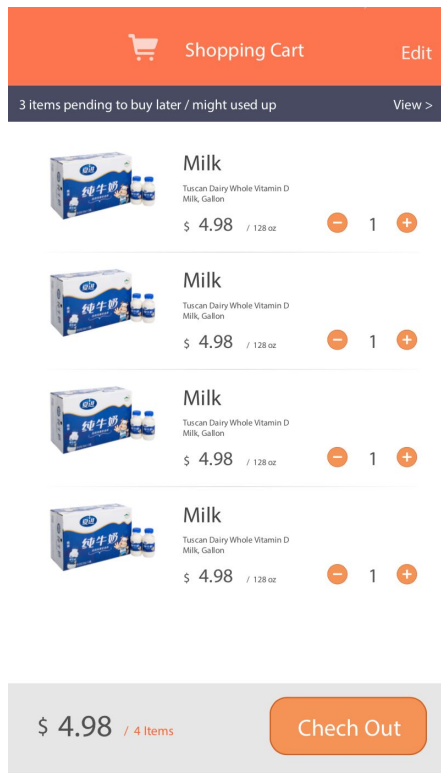
- Problem

No clear difference
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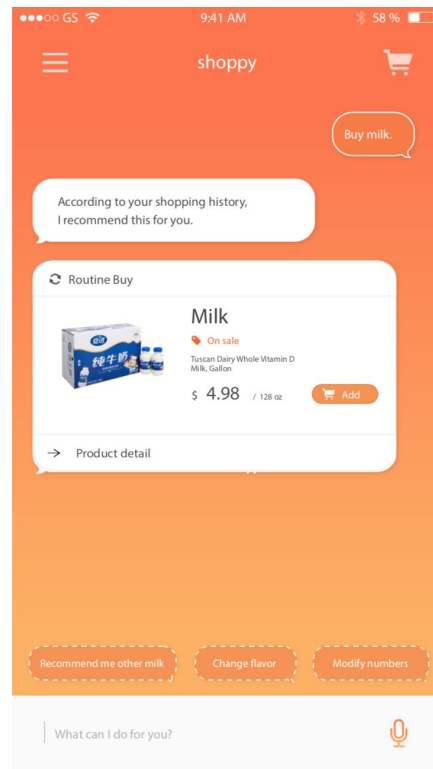
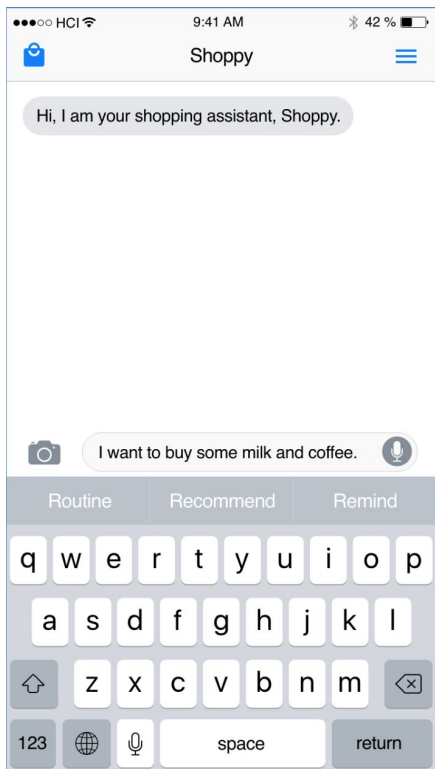
- Solution

1. Collapse
2. Reminder in cart



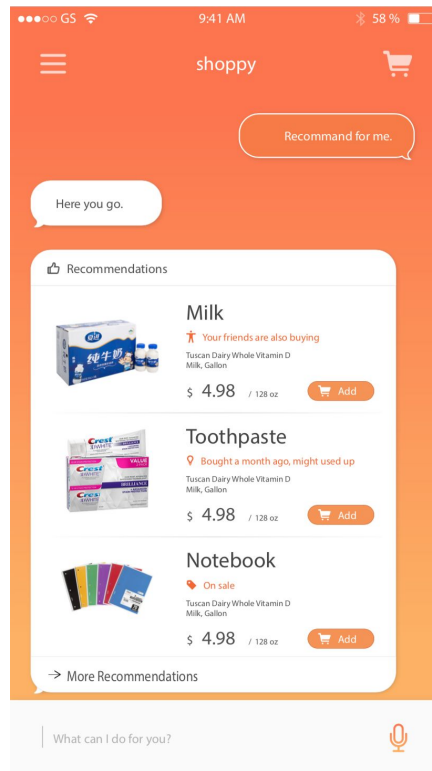
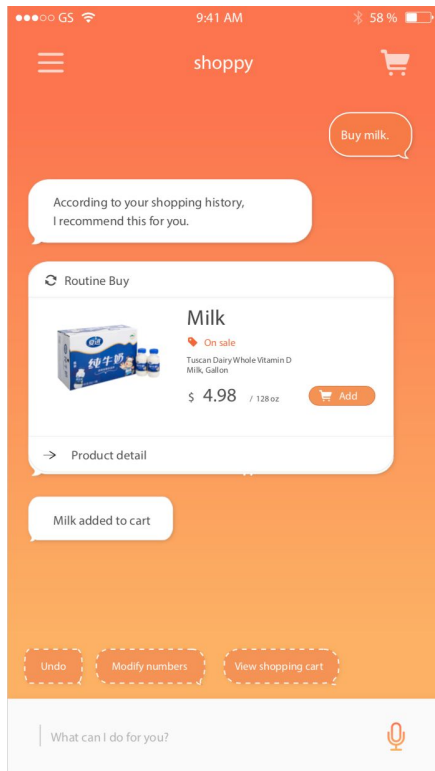
“3 items pending to buy
later / might used up”

Suggested Inputs, Main Task Buttons

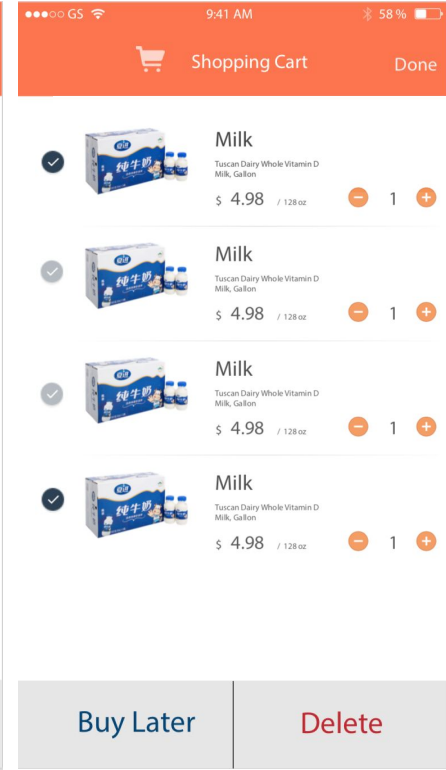
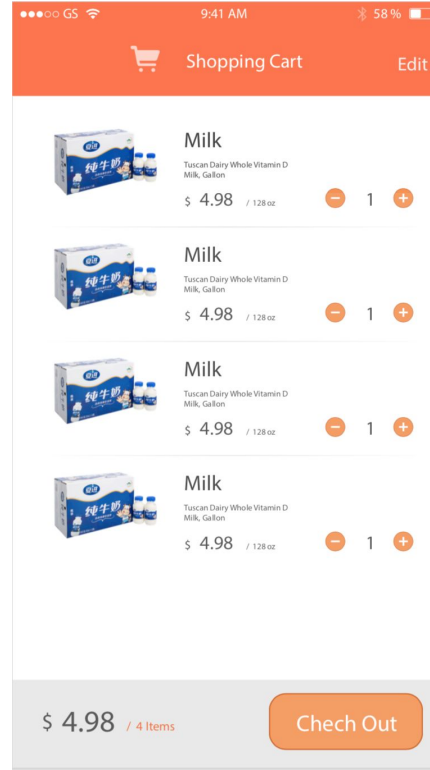
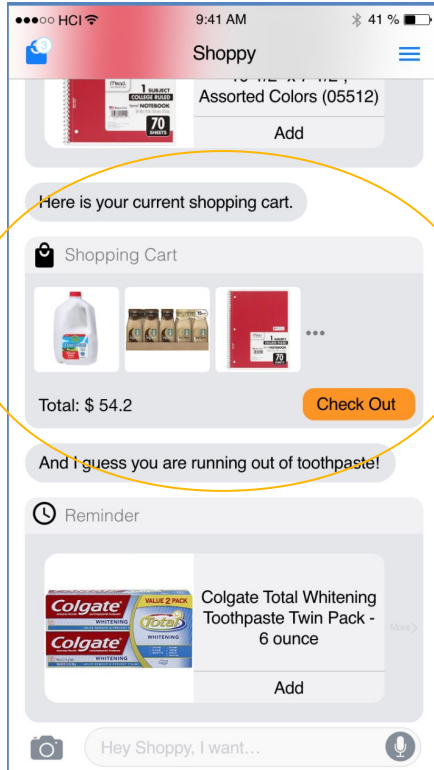


“Recommend for me”, “Change flavor”, “Modify number”¹¹

Confirmation of “Add to Cart”, Missing Price Tag



Shopping Cart Chat, Edit multiple items



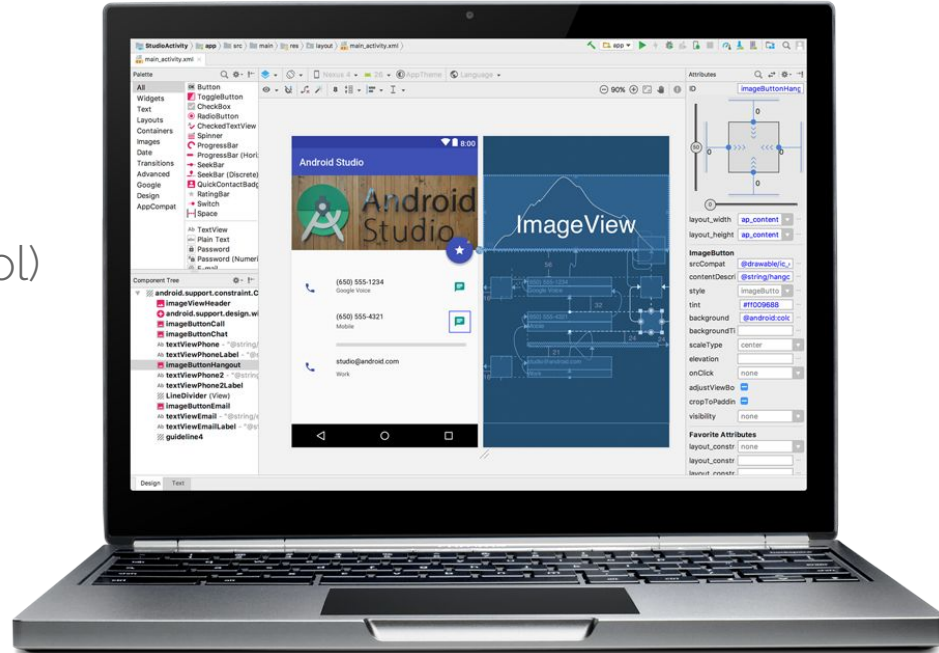


Prototype Status

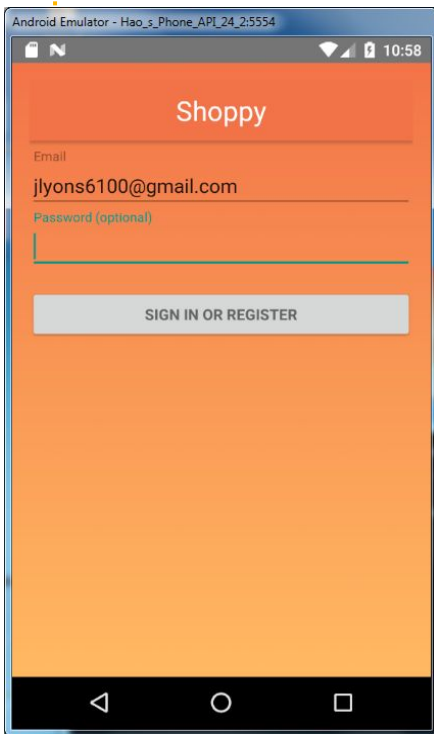


Tools Being Used

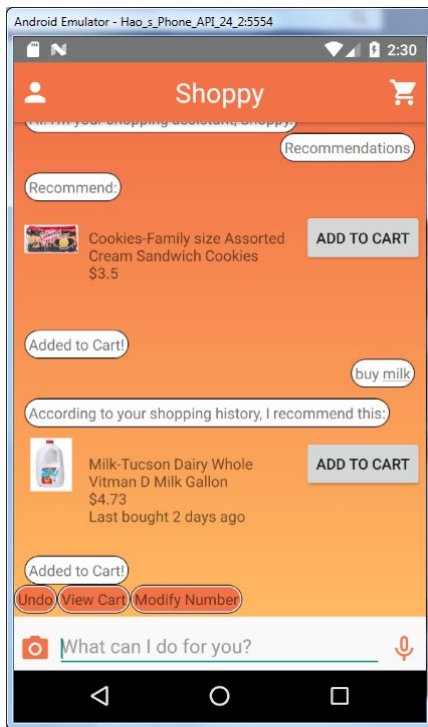
- Android Studio
- Java
- XML
- Github (Version Control)



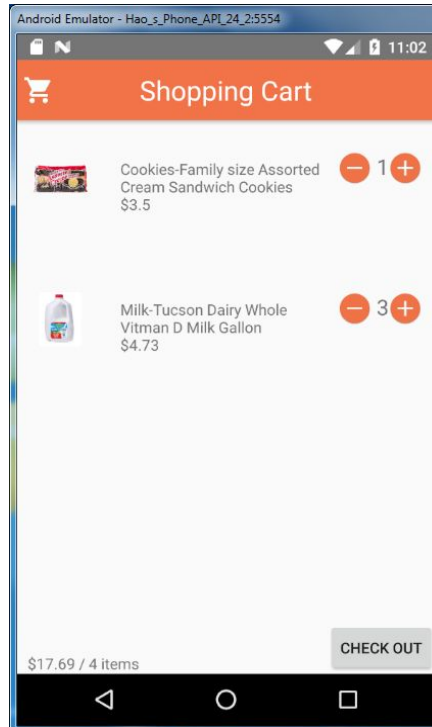
Implemented Features



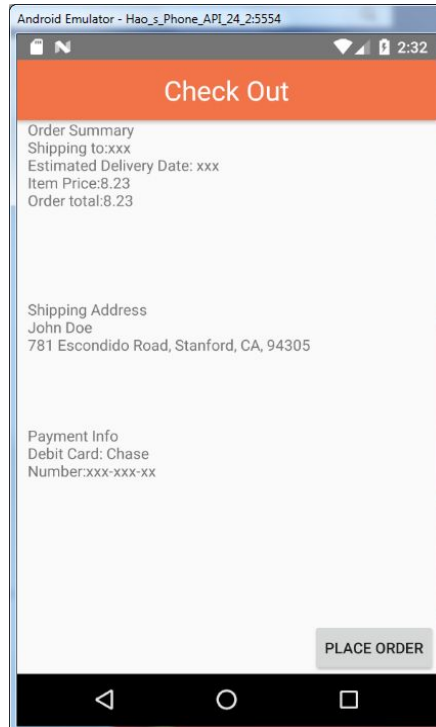
Main page



Chat page



Shopping cart



Check Out 16

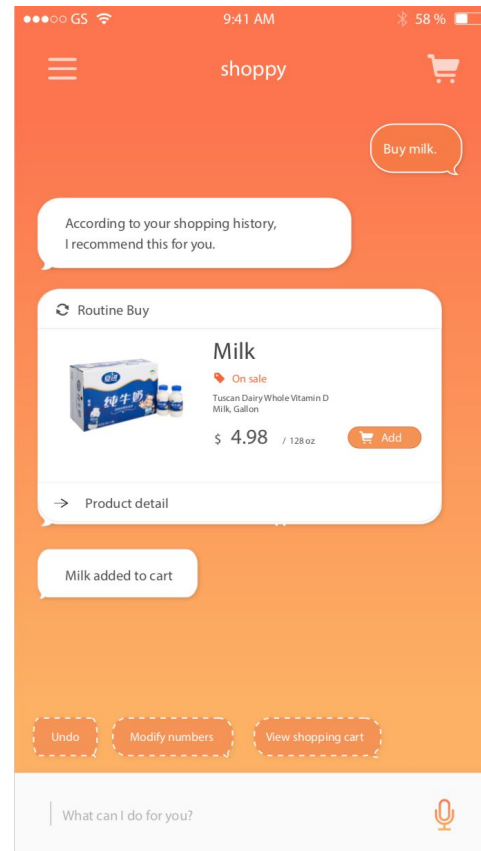
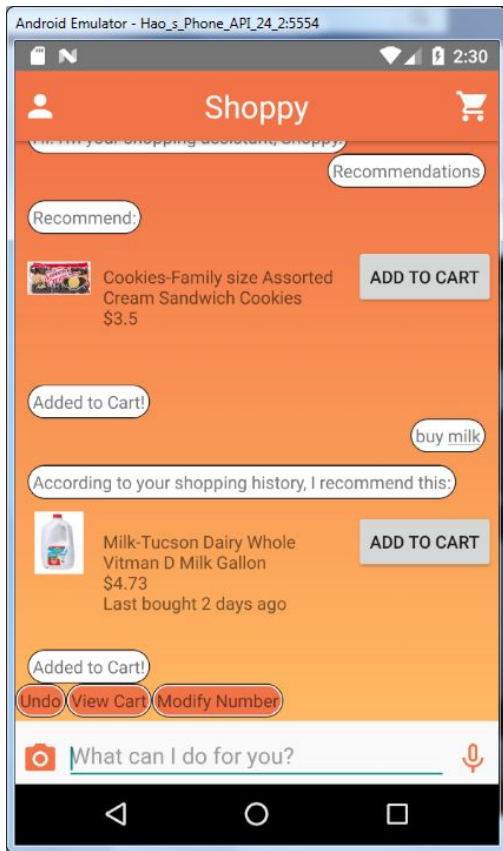


Unimplemented Features

- “More recommendations” and “Search” page
- “Might used up” page in shopping cart
- Minor functions
- App style

Plan

- Add these pages and functions
- Modify style to be similar as drawn





Hard-coded data

- Products with pictures
- Recommendation reasons
- Keyword matching
- Suggested inputs (finite state machine)

E.g. After added item to cart, show:

“Undo”, “Modify numbers”, “View shopping cart”



Demo



Summary

- Addressed all the points in HE
- Redesign the functions and appearance
- Implemented the key functions
- Detail functions needed
- App appearance modify