Flutter
Medium-Fi Prototype

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value proposition
declutter meaningfully

problem
People often find themselves keeping a lot of clutter. Many of these objects stay because they hold sentimental value, but not necessarily functional use.

solution
Flutter adds emotional security to the decluttering process, allowing people to find others who will value or add meaning to the item.

simple
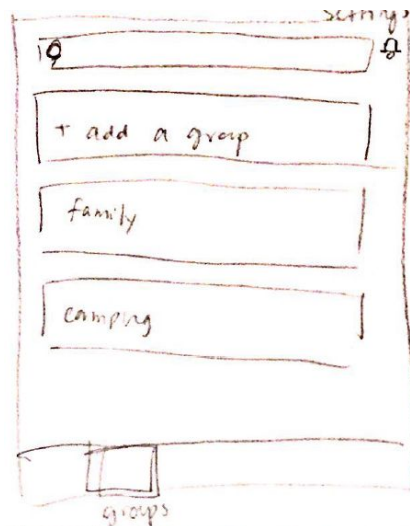find an object

medium
give an object

complex
before: connect and create new experiences
after: create groups to give and receive objects in

before
publicly location-based;
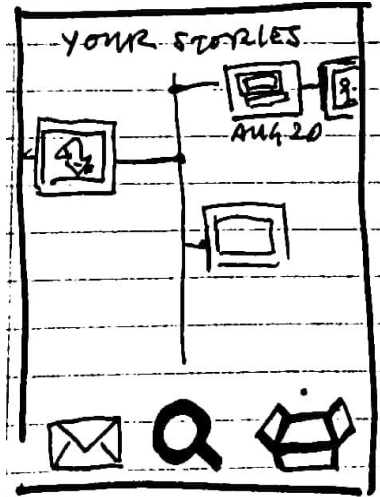open to everybody in location

after
creation of groups of friends or
mutual friends

rationale

- concerns from usability testing and section regarding interaction with strangers
- retain location-based functionality but remove unintuitive use of map
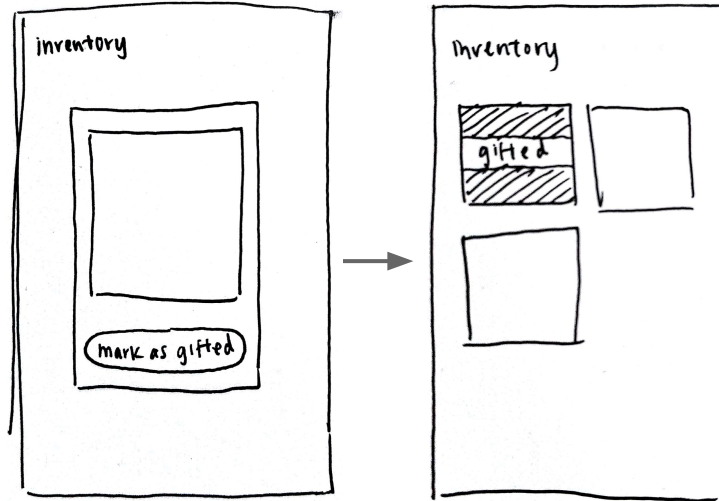
support from previous needfinding

- people give items away to people they know in their communities as opposed to donating and making up for grabs to greater population
- people like to have control over their items and where they go (there is more control when you know the person you're giving to)

before
timeline view to indicate that
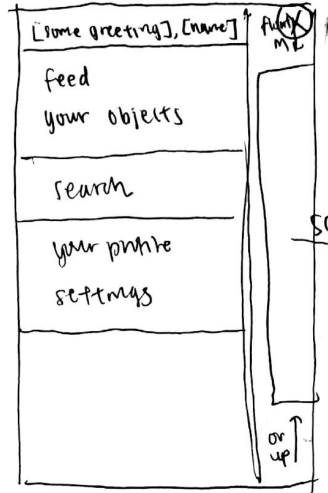object has been passed on

after
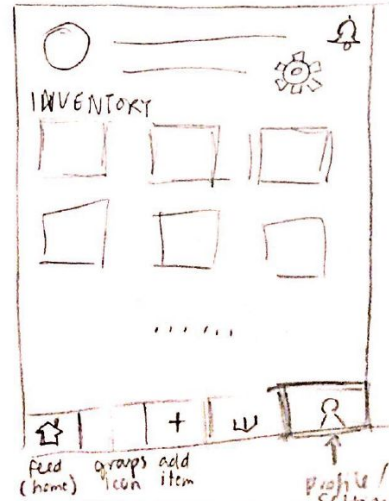button to explicitly mark item as gifted

rationale

- timeline was not touched by users during usability testing
- cannot rely on people to come back in and update
- new group feature makes it easy to have these conversations outside of app and in real life; no longer necessary to force this interaction within the app
- issue raised in section regarding speedy moving

support from previous needfinding

- people are protective of their time

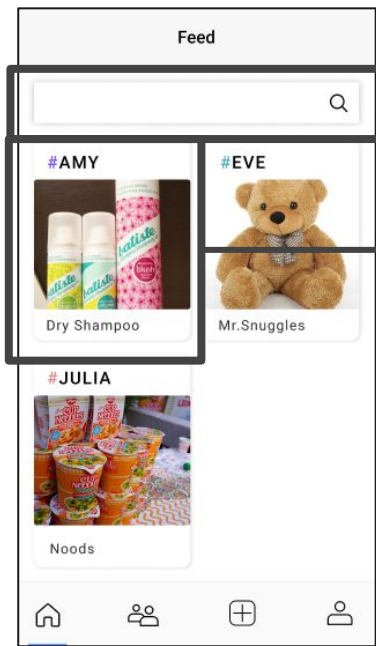*before*
sliding sidebar navigation
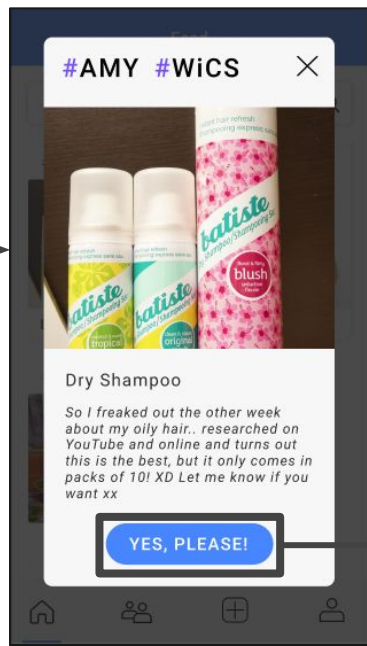
after
bottom navigation bar

rationale

- users were clicking back button multiple times to return to home before switching tasks
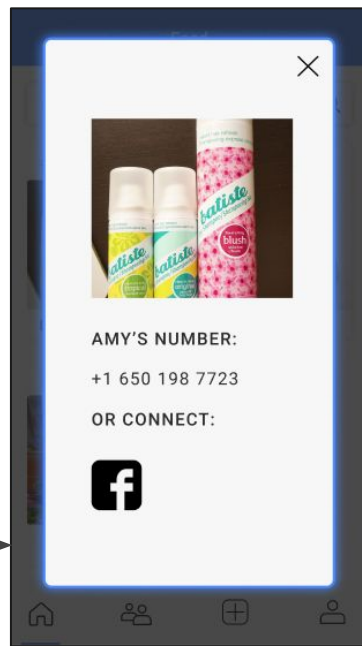- increased & constant visibility compared to sidebar navigation
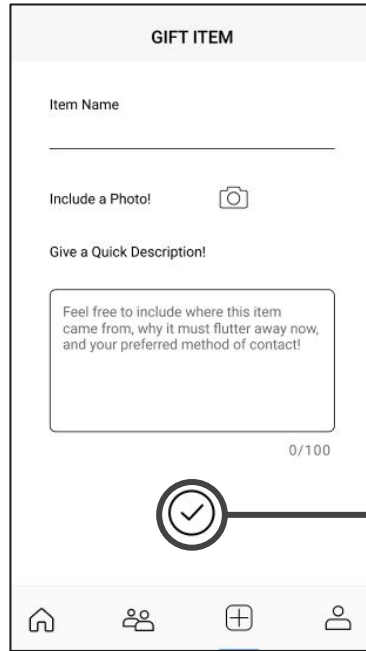
find an object
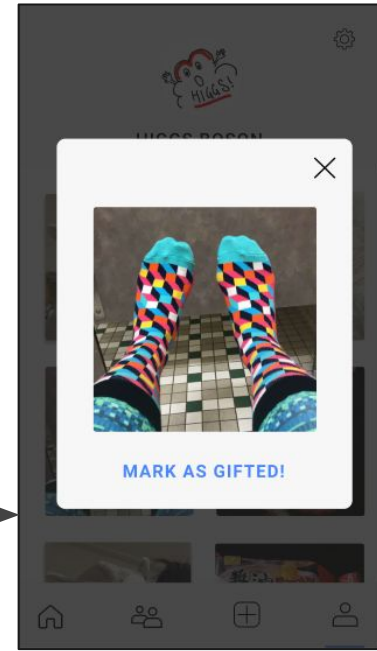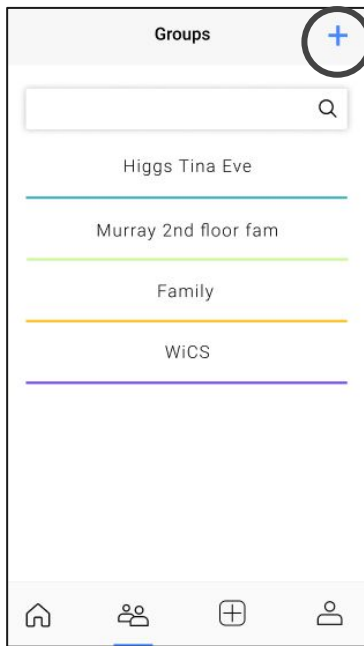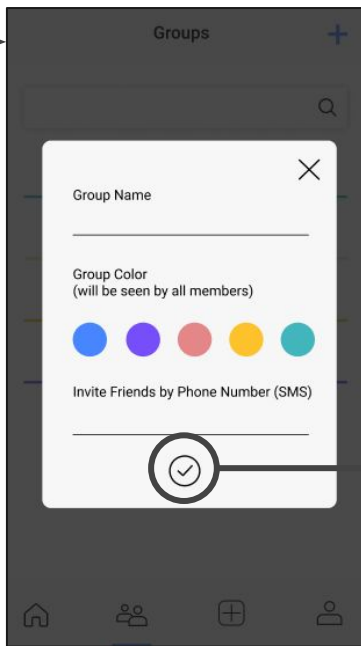

home/feed

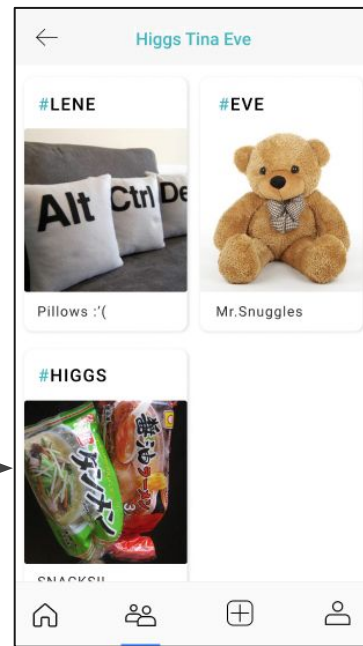object page
(others)

contact

give an object

give

object page
(personal)

create groups to give and receive objects in

groups

new group

group feed

tool used: figma

pros

- easy image drag and drop
- retains color palette and transparencies
- good recognition of similar dimensions and alignments on page
- can be used for design and interaction prototype

cons

- doesn't provide selection for automatic iPhone model dimensions, have to manually assess the dimensions of mobile
- hotspots for interaction have to be a created element, not intuitive for how to make a general region clickable
- limited image editing tools (only image cropping rather than selection and delete or recognising regions)

figma limitations

- swipe interactions between screens omitted

simplicity

- account creation workflow omitted
- friend invitation workflow omitted
- search functionality omitted

wizard of oz techniques

- logged into account of pre-loaded user

hard-coded features

- images and information of user's objects (assuming existing postings)
- existing groups of friends that have already been invited to the app
- user's profile settings data
- feed objects