github link

Flutter

High-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 object.

simple
find an object

medium
give an object

complex
~~connect and create new experiences~~
~~create groups to give and receive objects in~~
share new experiences with received object

stories, fundamentally

- what happened to valuing and finding meaning in the object?

exchanging object

- the process for exchanging objects is confusing
- users might want to undo “mark object as given”

tagging and searching

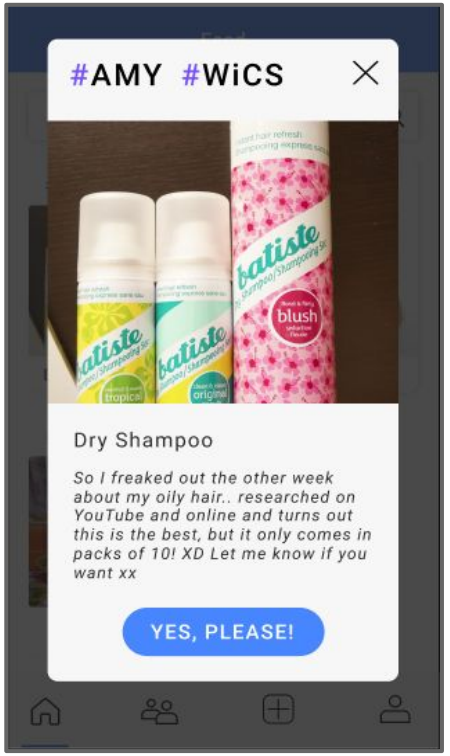
- hashtags next to usernames and groups are confusing
- users might want to search by object description instead of giver

editing objects (and later, stories)

- users are unable to edit objects

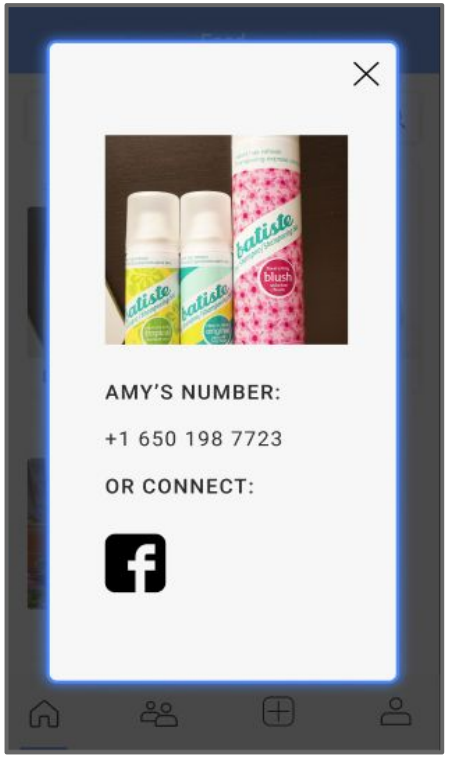
stories, fundamentally

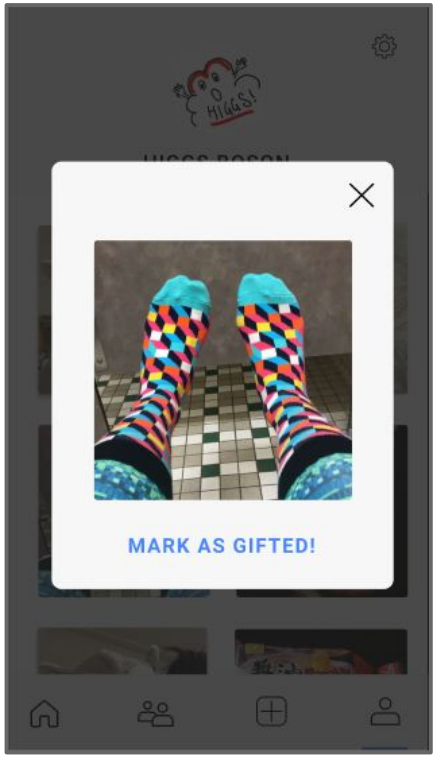
what happened to valuing and finding meaning in the object?



how to exchange?

the process for exchanging objects is confusing

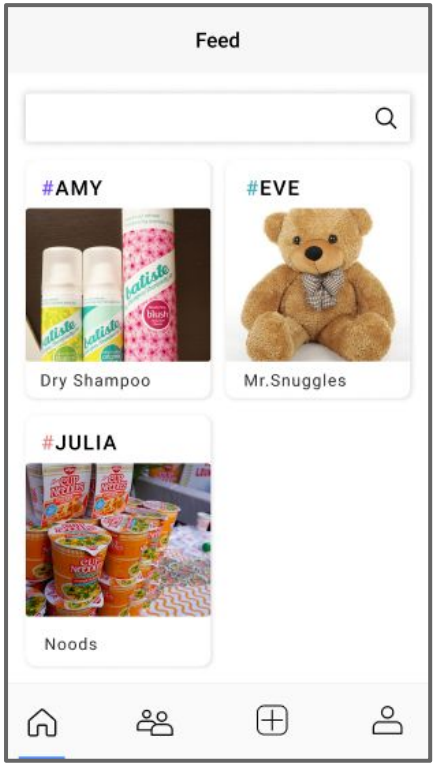




tagging and searching

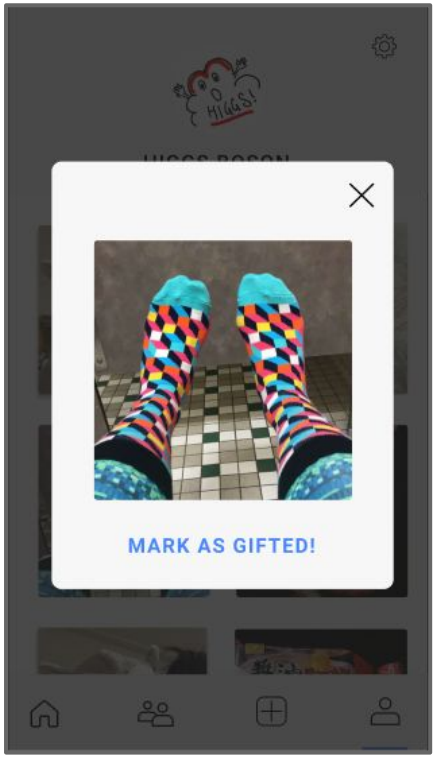
hashtags next to usernames and groups are confusing

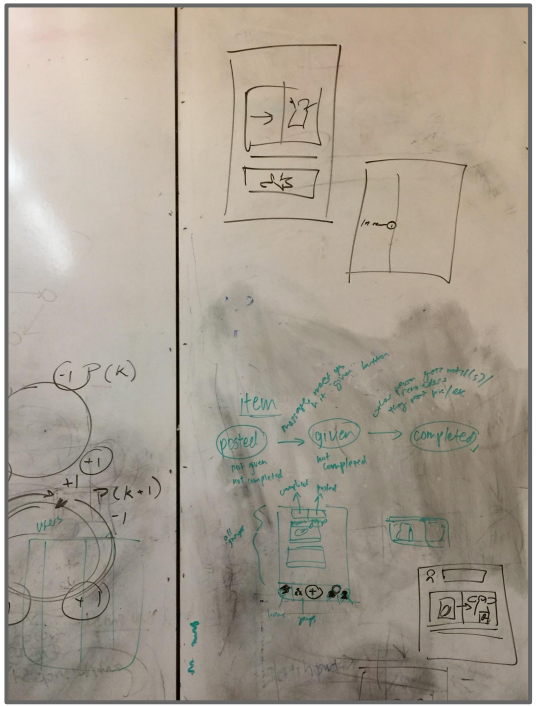
users might want to search by object description instead of giver

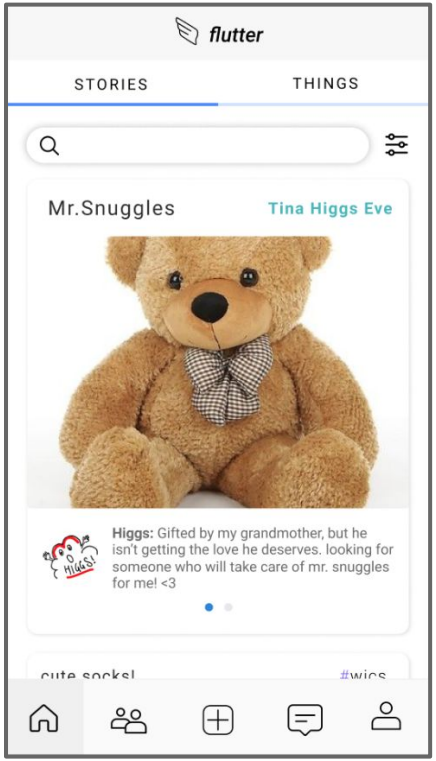


editing objects

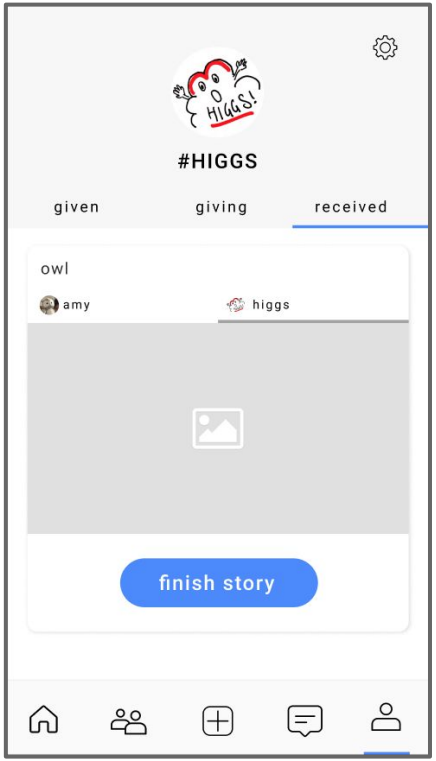
users are unable to edit objects




item
posted
given
completed


flutter
STORIES
THINGS
Mr.Snuggles
Tina Higgs Eve
Higgs: Gifted by my grandmother, but he isn't getting the love he deserves. looking for someone who will take care of mr. snuggles for me! <3

messages
amy
hey! i'm interested in your owl :)


#HIGGS
given
giving
received
owl
amy
higgs
finish story

stories, fundamentally

- **completely new flow:** receivers are asked to update the object's story
- language change: objects are "treasures," not "items" or "things"

marking objects as given

- **completely new flow:** givers and receivers communicate within the app
- minor change: confirmation dialogs

tagging and searching

- **significant UI change:** redesigned home page
- minor change: keyword search*

editing objects (and later, stories)

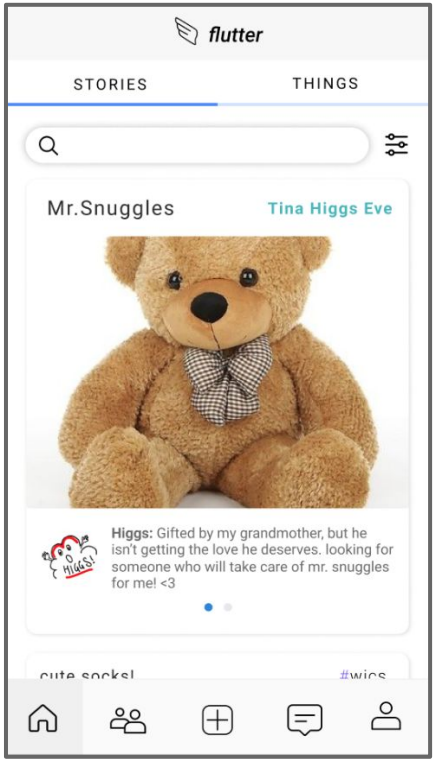
- minor change: edit buttons*

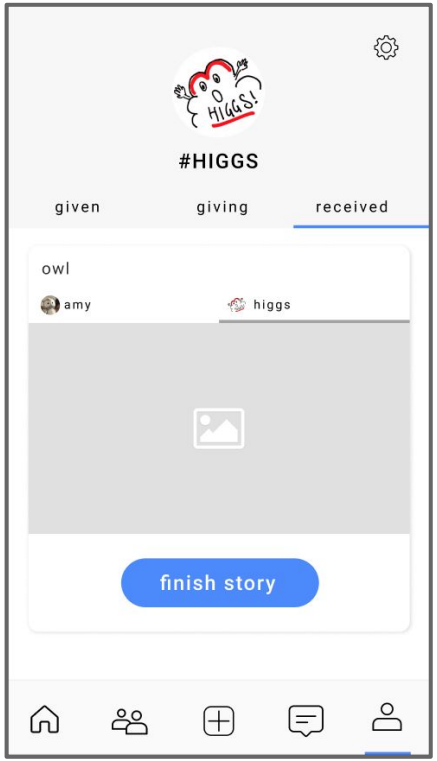
*realistically: stretch goals

revamped med-fi

stories are the first thing a user sees when they open the app

completely new flow: receivers are asked to update the object's story

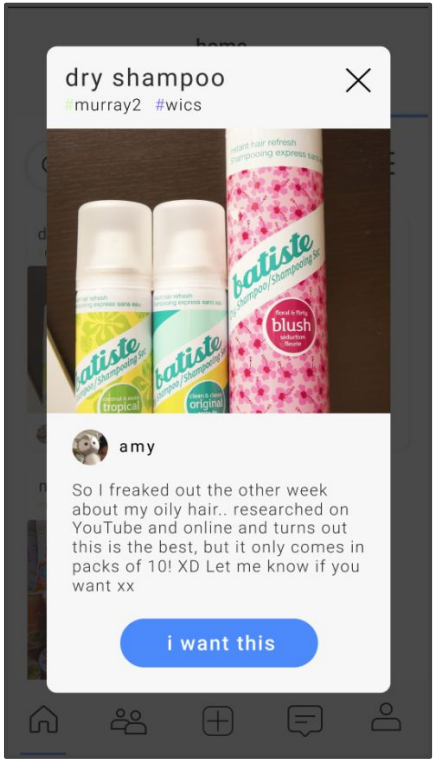




revamped med-fi

chats allow givers and receivers communicate within the app

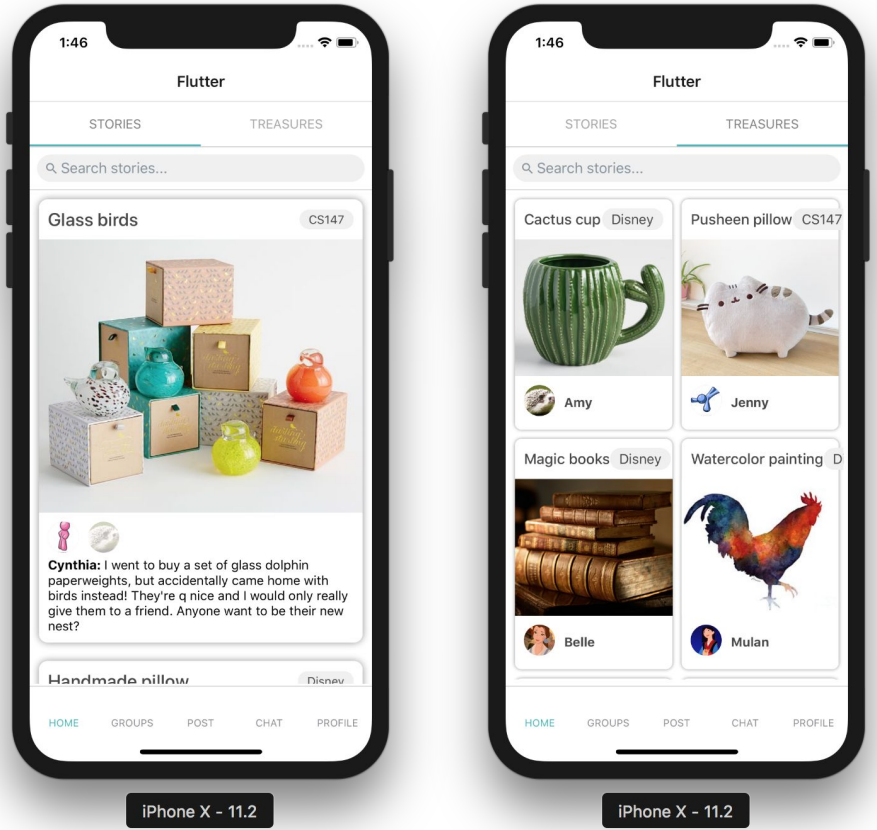
completely new flow:
“i want this” → chat → exchange logistics → “mark treasure as gifted”

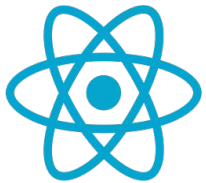


hi-fi user interface

redesigned home page:

- stories + treasures
- hashtags removed, so search will be based on object descriptions
- really proud of this





React Native

Firebase

Expo

two people required to give/receive

demo day

- no wizard-of-oz techniques required
- before the demo, add plenty of example objects at different stages of being given/received

if we did another round of testing...

- wizard-of-oz techniques might be required
- ex. after the user posts an object, the “computer” fills in the interactions of another user who wants the object

current

hard-coded

- group names, members
- story data

twilight zone

- chats

database

- all authentication
- user profile data
- object data

goal

- **hard-coded:** none
- everything will talk to the database

find an object

- **revamped med-fi** 🟢
- **UI** (no search) 🟢
- **database** 🟢

give an object

- **revamped med-fi** 🟢
- **UI** 🟡
- **database** 🟢

share new experiences with received object

- **revamped med-fi** 🟢
- **UI** 🔴
- **database** 🔴

complete 🟢
partially complete 🟡
need to do 🔴

“is polished” includes

- layout
- error messages on forms
- toasts for success/failure
- (as needed) notification circle
- (as needed) confirmation dialog

	UI exists	UI is polished	Database connected
Home			
Stories	completed	polished	completed
Treasures	completed	polished	completed
Groups			
Create	completed	in progress	need to do
View	completed	in progress	need to do
Post			
Post	completed	in progress	completed
Chats			
Chat functionality	completed	in progress	twilight zone
Give/receive flow	need to do	in progress	need to do
Profile			
Edit	completed	in progress	completed
View	completed	in progress	completed
Update story flow	need to do	in progress	need to do
Auth			
Login	completed	in progress	completed
Signup	completed	in progress	completed

edit functionality

- edit stories + objects
- delete objects
- add/remove people from a group

search functionality

- keyword search for objects
- user search for groups + messages

non-mission-critical login

- change email/password
- login with facebook
- forgot password reset

see readme on github

demo time!