

peek

Midway Milestone: Week 9 Presentation
Team Peek



Intro

HE Results & Design Changes

Prototype Implementation

Demo

Summary

Questions

peek

Our **value**
statement

Give and take
inspiration

Problem

-

Collaborating with other artists feels more like work than play. It takes effort to establish a network of artists, and it takes time to get exciting feedback.

Solution

-

What if collaboration was less talking and more making?
peek encourages artists to take inspiration from other artists, and then show the world their newfound perspectives in return.



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Heuristic Evaluation Summary

- **18** total Heuristic violations of **severity 3-4** → **8 main fixes**
- **27** total Heuristic violations of **severity 1-2** → **6 main fixes**
- Most violated heuristics: H3 (User Control), H4 (Consistency and Standards), and H6 (Recognition, not Recall)
- 2 main error domains
 - Confusing functionality
 - Lack of user control

Confusing Functionality (CF)

- Computer Vision Feature
- Collaboration Tab



Severity 4: Computer Vision View **Problem**

- The function of the computer vision view is confusing.





Severity 4: Computer Vision View **Fix**

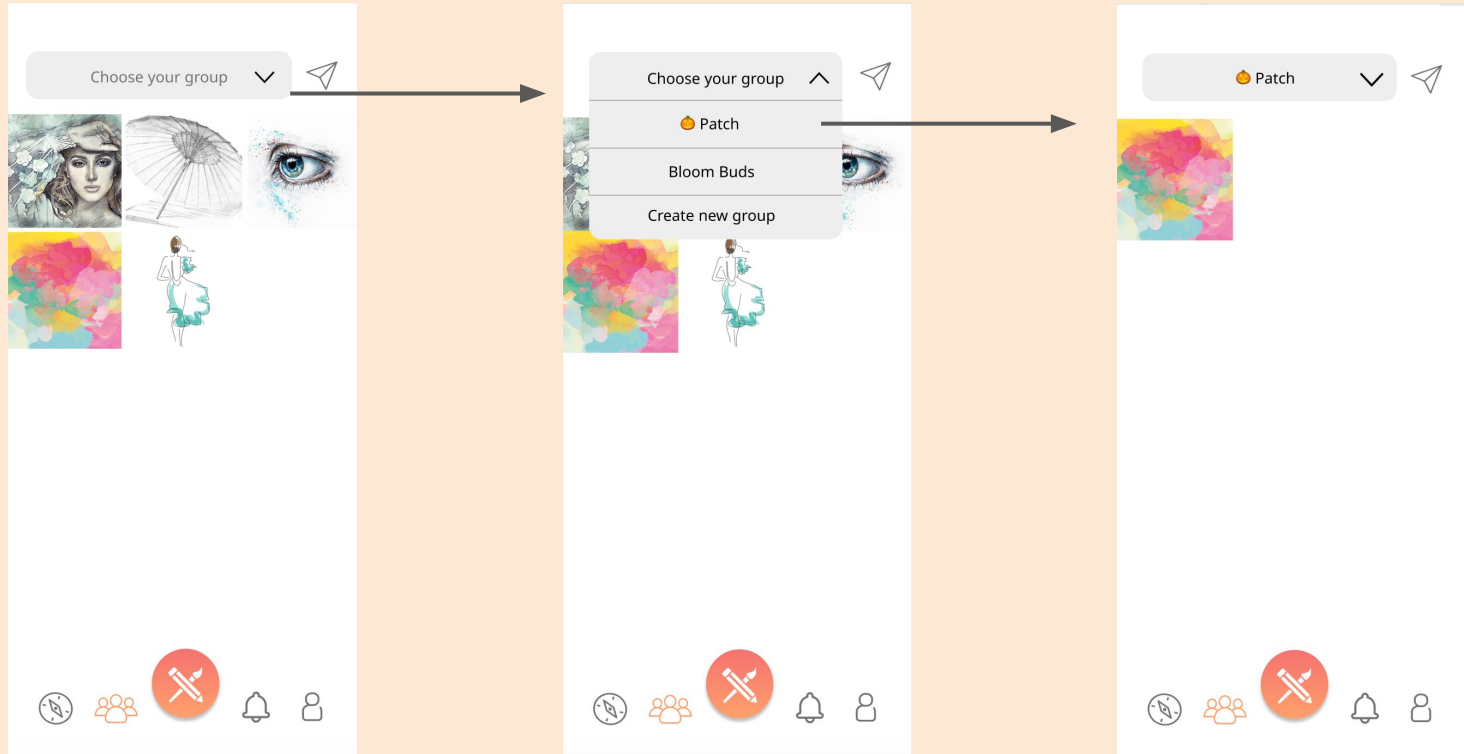
- Removed the camera button.





Severity 4: Purpose of Collab **Problem**

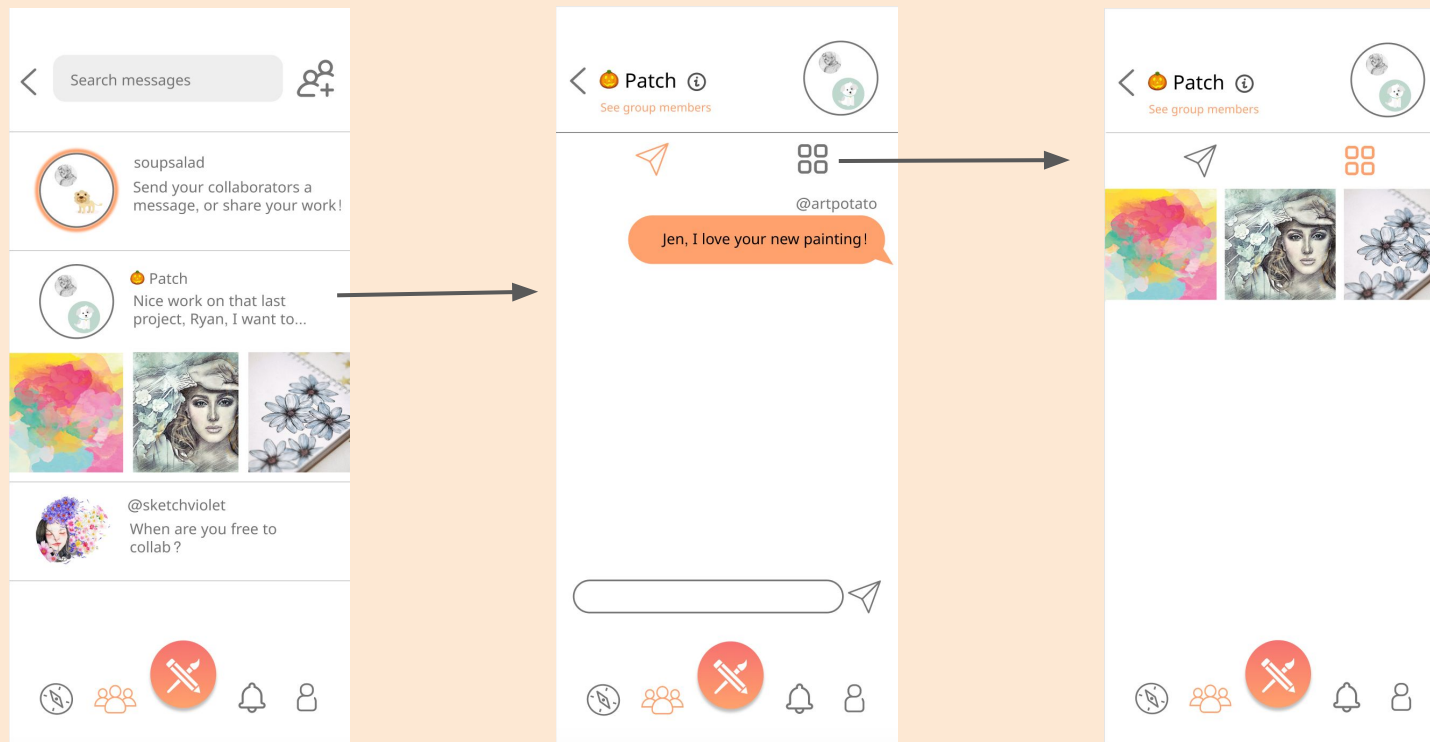
- It is unclear how the Collab tab differs from the Explore tab.





Severity 4: Purpose of Collab **Fix**

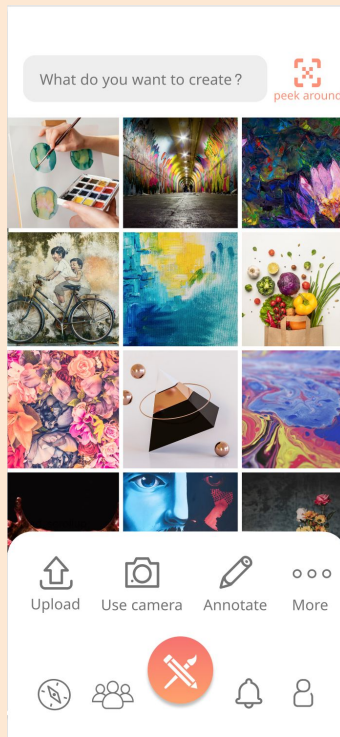
- Changed the layout of Collab tab



Severity 3: Annotate function **Problem**



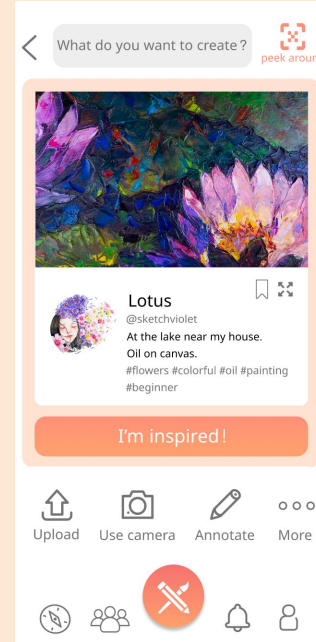
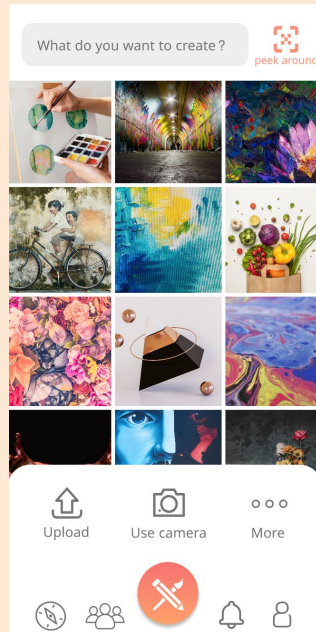
- Annotate enabled in the upload pop-up everywhere





Severity 3: Annotate function **Fix**

- “Annotate” function is limited to only when viewing a specific artwork



Severity 4: “Remix” is confusing **Problem**

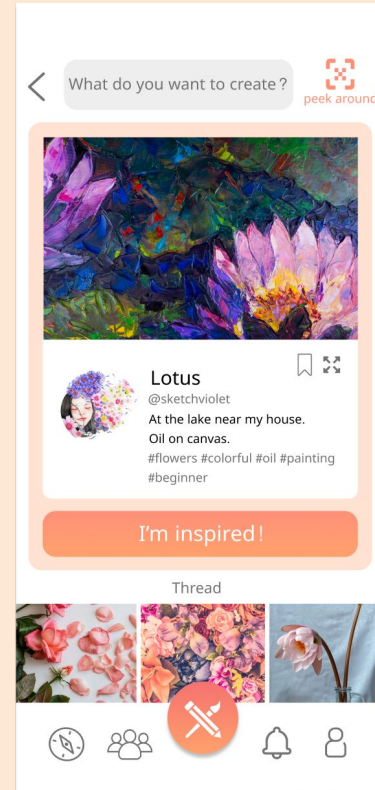


- Unclear where “remix” is, or what it means
- Deeper issue: context-aware button is unintuitive



Severity 4: “Remix” is confusing **Fix**

- Use a more understandable phrase
- Added an “I’m inspired” button under all art pieces.



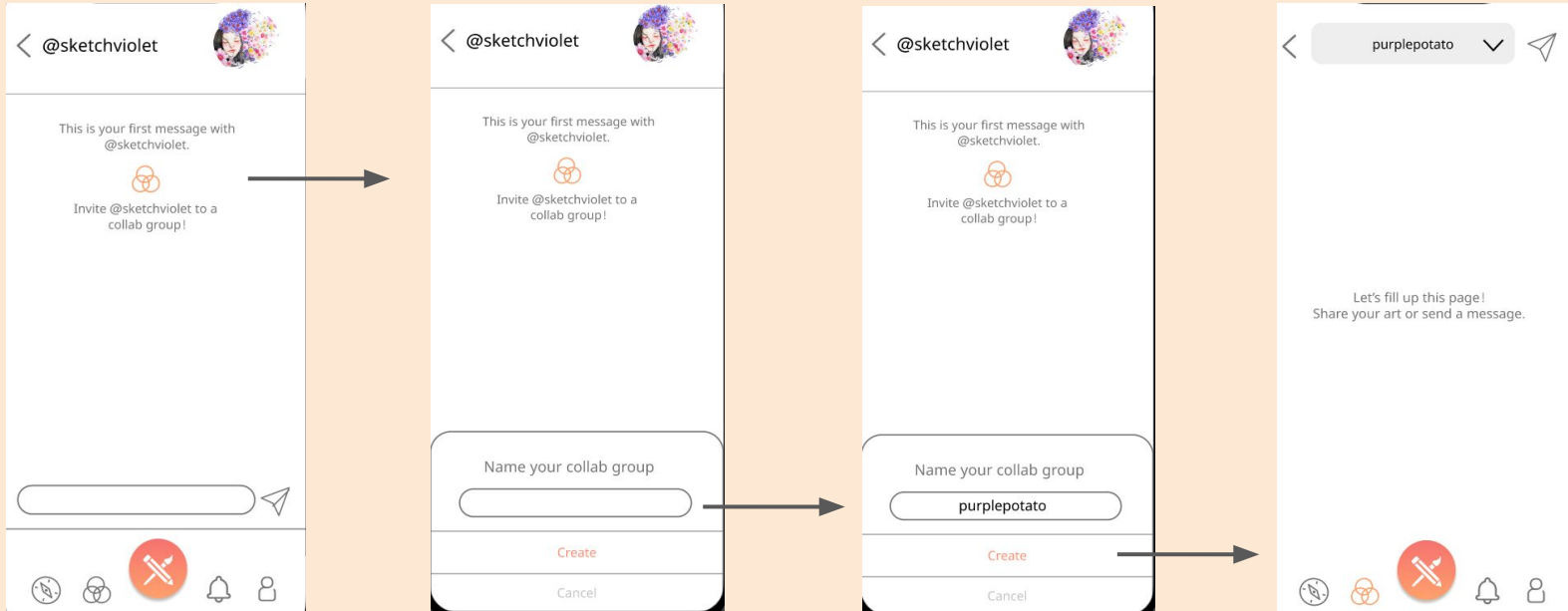
Lack of User Control

- Managing collaboration groups
- Searching for users
- Commenting in groups
- Managing personal profile
- Back buttons
- Clarity of other icons



Severity 4: Invite to Collab **Problem**

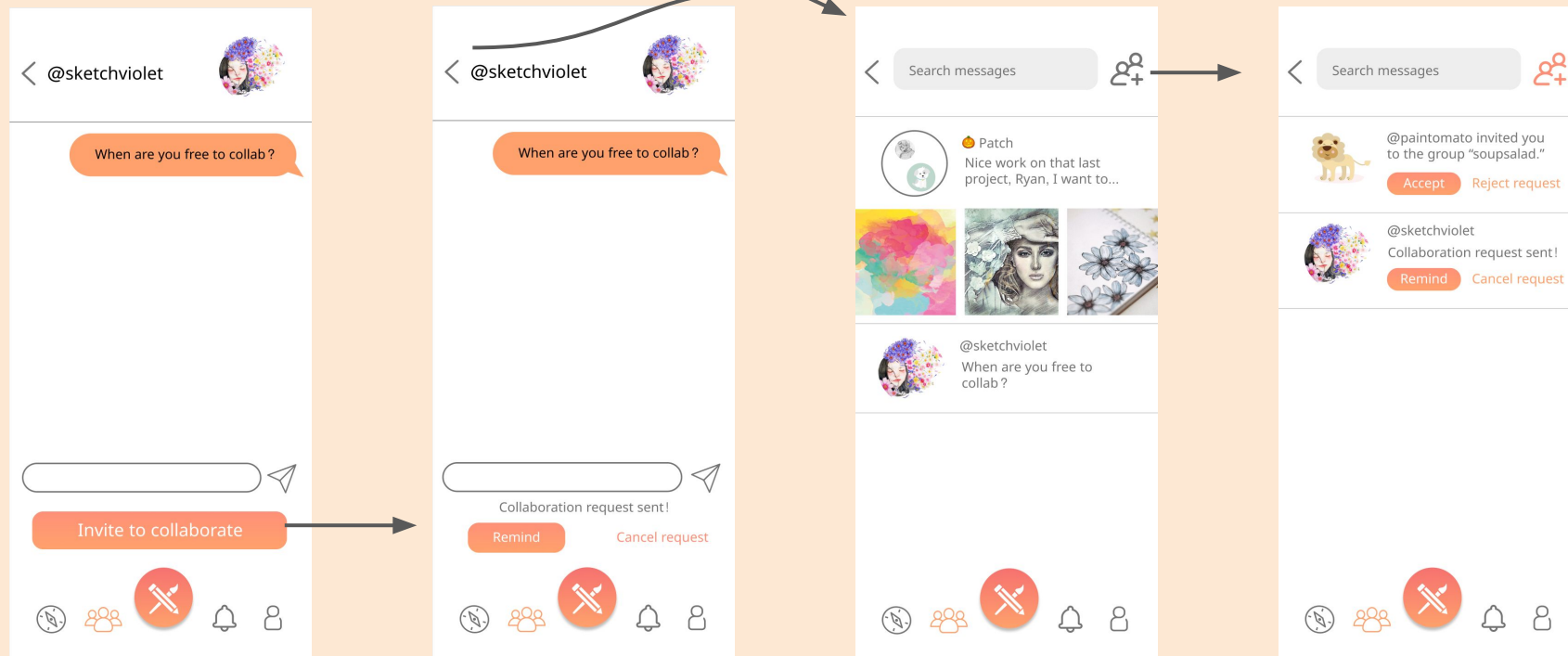
- When User A invites User B to collab, User B cannot reject the invitation.





Severity 4: Invite to Collab **Fix**

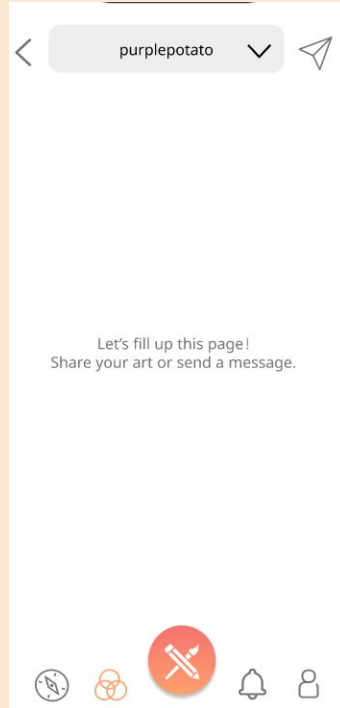
- Invitations can be accepted or rejected via Notifications center.





Severity 4: Leave Collab Groups **Problem**

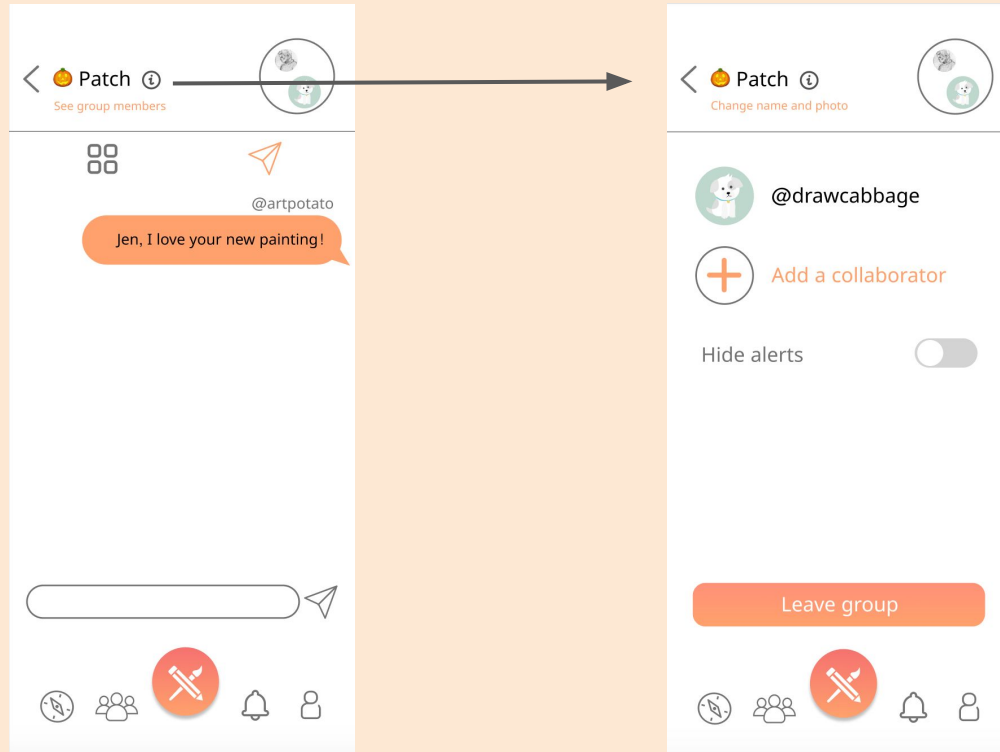
- There is no way to quit a collaboration group.





Severity 3: Leave Collab Groups **Fix**

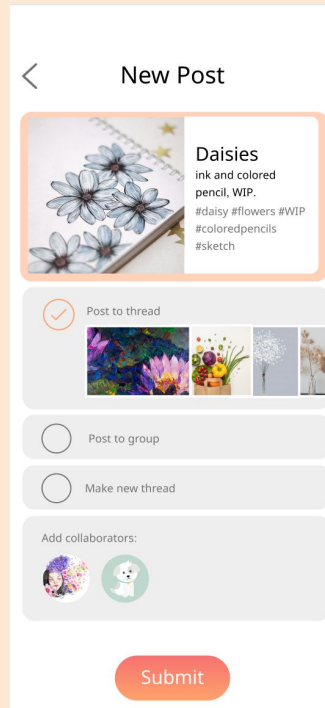
- “Leave group” button





Severity 3: Add Collaborators **Problem**

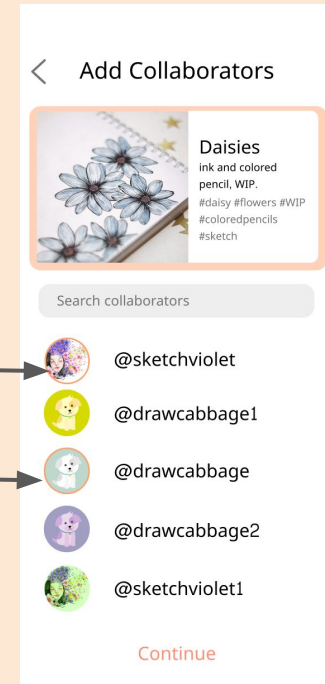
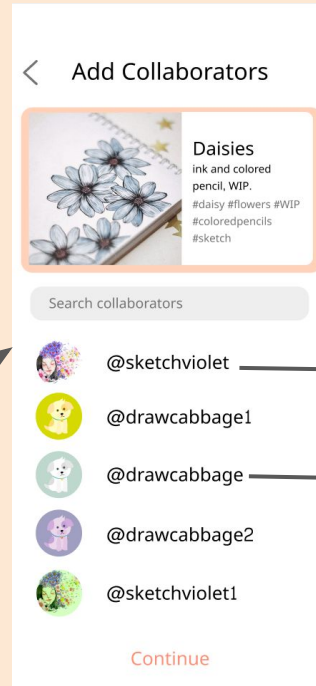
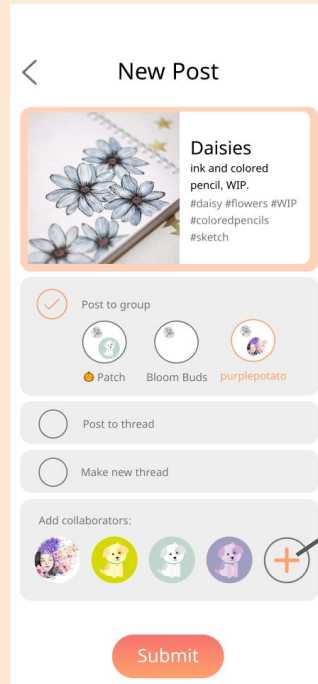
- Difficult to navigate with a lot of collaborators





Severity 3: Add Collaborators **Fix**

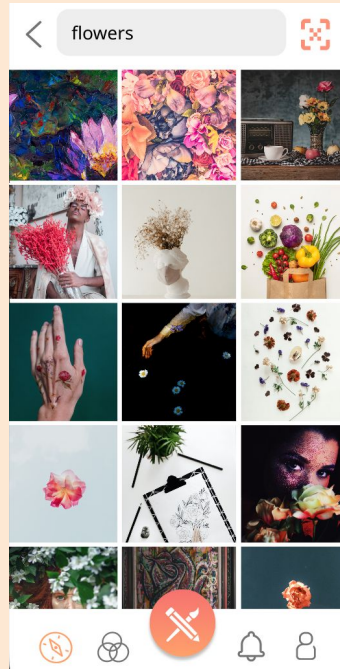
- Added an “add” button & ability to search for collaborators



Severity 3: Search for users **Problem**



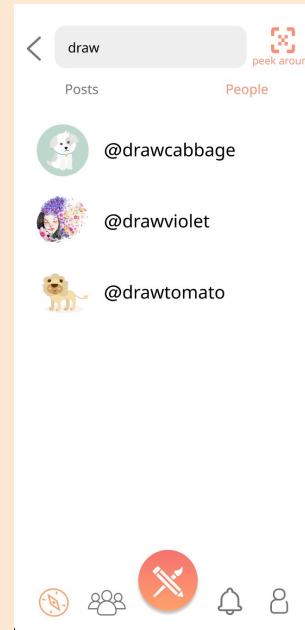
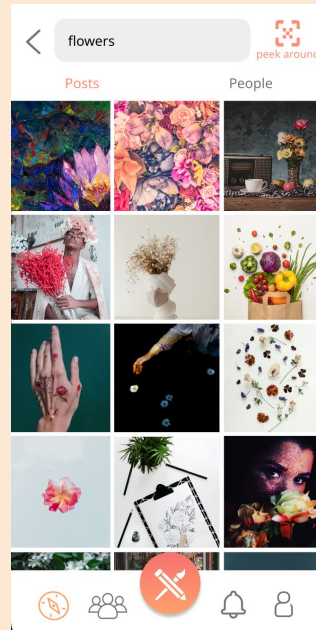
- No way to easily search for users.





Severity 3: Search for users **Fix**

- Added a tab in “Explore” to search for users



Severity 3: Comment function in collab groups



- No comment function in collab groups

Fix:

- In collab groups, users can message each other.
- Good idea for public posts, but no time to implement.



Severity 3: No place for user's name

- User profile only shows user's handle. Users can only view other users' identities through their handles.

Fix:

- Artists value anonymity (insights from needfinding interview)
- If users really want to display their name, they can do it on their bio.



Severity 1-2 Fixes

1. Add “Cancel” button to all screens during uploading.
2. Add back buttons to all screens (except home screen)
3. Make Invite to Collaborate button more noticeable.
4. Add functionality to collaborate group settings (add collaborators, leave group, etc.)
5. Add About section (including FAQ page)
6. Make icons accurately reflect system status (bookmarked vs unbookmarked, highlighted tabs)



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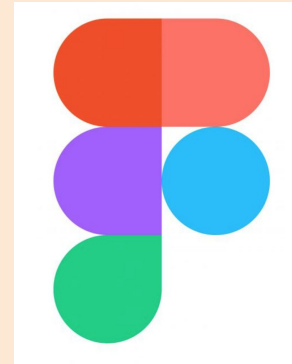
Summary

Questions

Tools Used

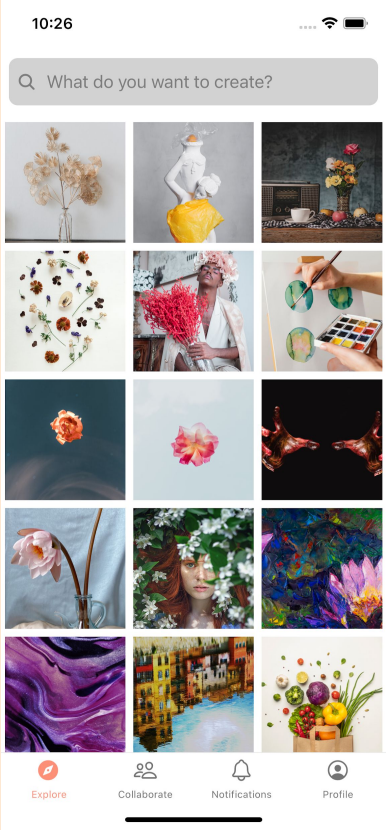
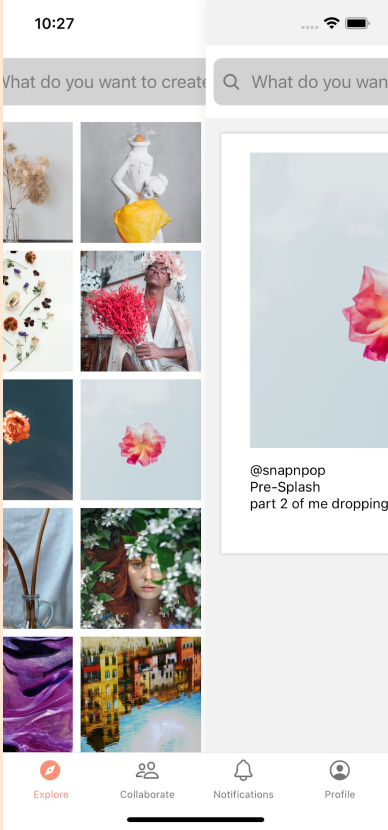
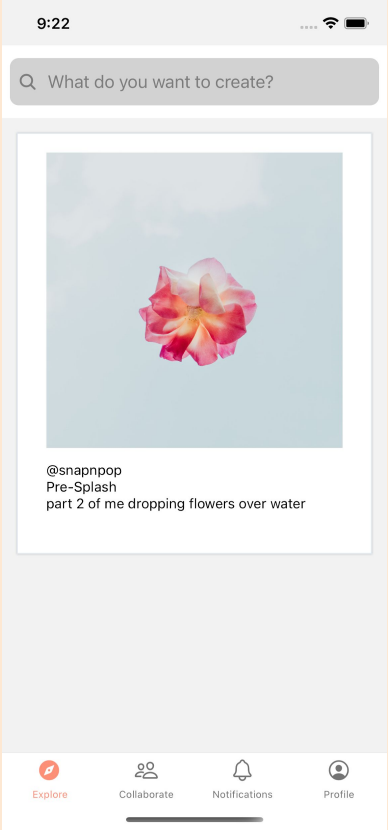
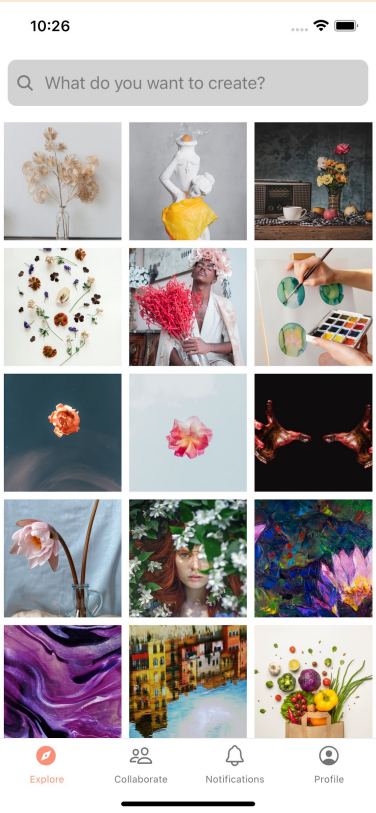


Firebase



Implemented Features

Simple Task: Browse Explore page for inspiration



Unimplemented Features and Plan

Moderate Task: Upload art by another user

- Camera page
- Upload screen

Complex Task: Create collaboration groups

- Info page
- Login screen
- Messages
- More user profiles

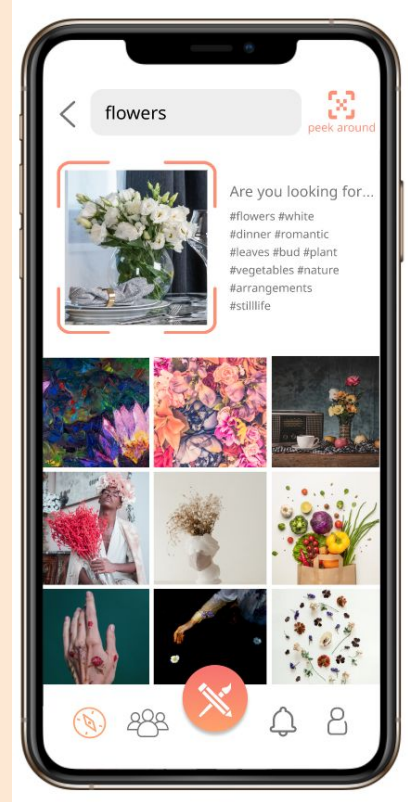
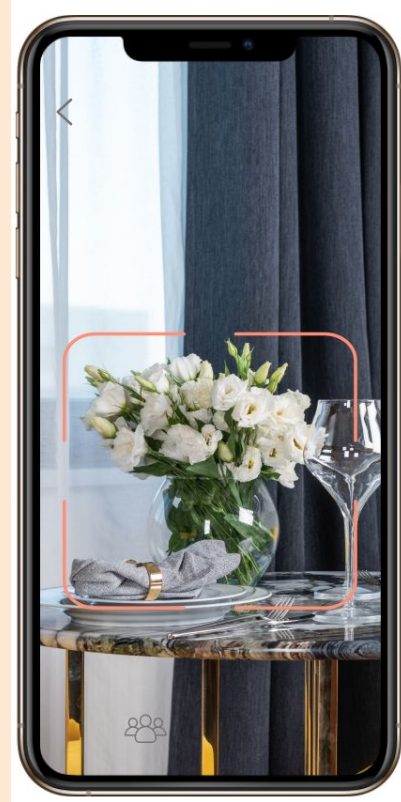
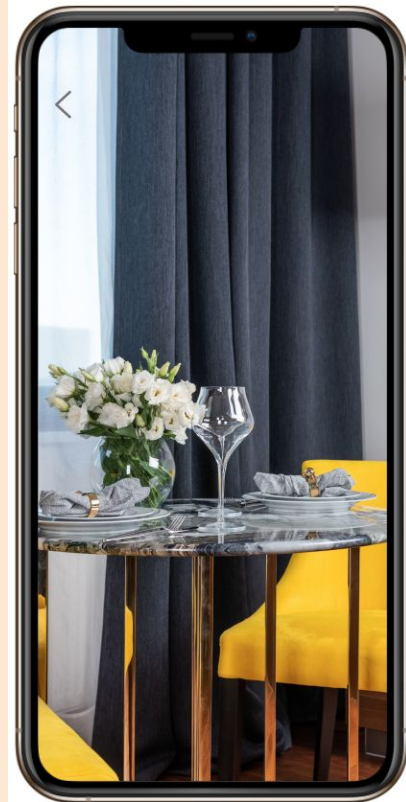
Hard-coded data

photo_id	file_name	user_id	title
photo_id1	dried_leaves.jpg	user_id2	Dried leaves decor
photo_id2	zombie_hands.jpg	user_id1	Pair of hands
photo_id3	flower_small_vase.jpg	user_id2	Photographed still life
photo_id4	girl_behind_leaves.jpg	user_id2	Lilia in the leaves
photo_id5	lotus_oil.jpg	user_id3	Lotus
photo_id6	glitter_purple.jpg	user_id3	Incense
photo_id7	abstract_reflection.jpg	user_id3	Town Down
photo_id8	vegetables_top_view.jp	user_id4	Veggie Explosion
photo_id9	sculpture_flower.jpg	user_id4	You'd Love Demeter
photo_id10	plastic_bag_sculpture.j	user_id4	Waterproof
photo_id11	flowers_radio.jpg	user_id4	Cozy Night
photo_id12	flowers_flatlay.jpg	user_id4	Fairy Ring
photo_id13	male_model_flowers.jp	user_id4	Perfume Heart
photo_id14	watercolor_circle.jpg	user_id4	Imbue
photo_id15	falling_flower.jpg	user_id4	Rose Ripple
photo_id16	falling_flower_transpar	user_id4	Pre-Splash
photo_id17	sakura_bluesky.jpg	user_id5	Morning Wind
photo_id18	baby_breath_bouquet.j	user_id5	For You
photo_id19	children_bicycle.jpg	user_id6	Wild ride
photo_id20	tunnel_paint.jpg	user_id6	Kick Flip
photo_id21	red_yellow_blue.jpg	user_id6	On Fire
photo_id22	flying_umbrellas.jpg	user_id7	Going Up
photo_id23	red_blue_face.jpg	user_id7	Unfiltered
photo_id24	abstract_city.jpg	user_id7	Dawn on City

- Most “user” information and uploaded art is hard-coded.
- User is assigned a “beginning user” profile to log-in and register
 - Includes threads and artworks that you’ve “already uploaded”

Wizard of Oz Techniques

Computer Vision





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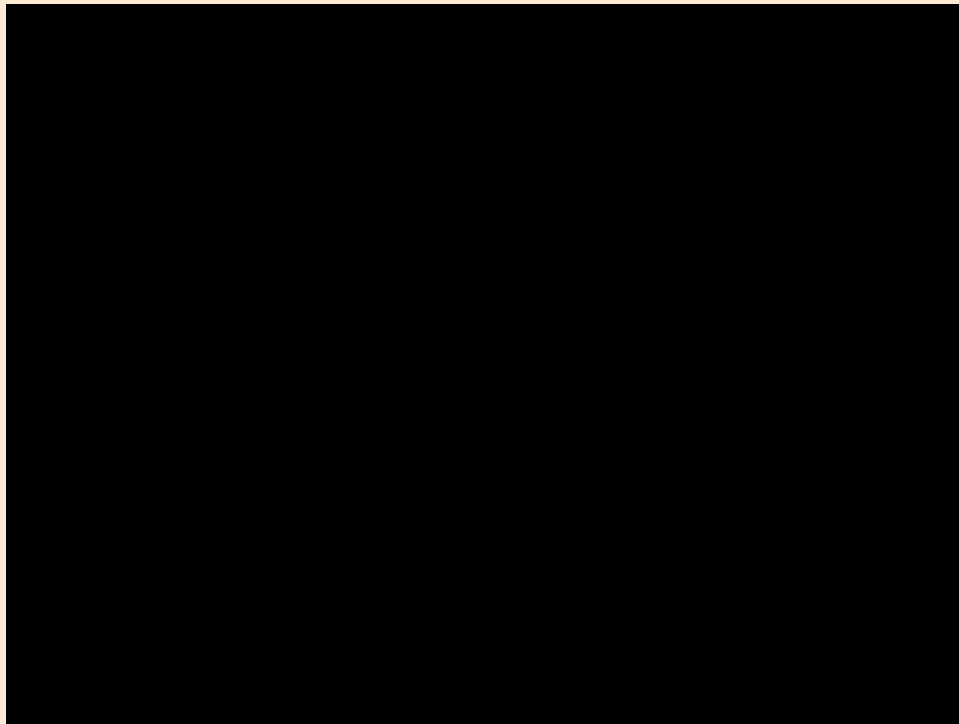
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- **14 major design changes** based on Heuristic Evaluation
- **Implemented:**
 - Simple Task: Browse Explore page
- **To implement:**
 - Moderate Task: Upload art inspired by another user
 - Complex Task: Create collaboration groups
- **On track to finish by the deadline!**

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Questions

- Is the “I’m inspired” button more intuitive now?
- Questions for us? :)

