



# Medium-Fi Prototyping

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# Value Prop, Problem, and Solution



## “reflection made simple”

### Problem

- ❖ Users are unable to cement memories in a consistent and frictionless manner because they do not prioritize reflection. Existing solutions unintuitively incorporate multimedia, and result in unorganized collections of random experiences.

### Solution

- ❖ A blank slate that allows users to record, edit, and organize their memories using minimalist design and added keyboard capabilities.



# Tasks



## Simple Task

**Creating mementos on the fly**



## Moderate Task

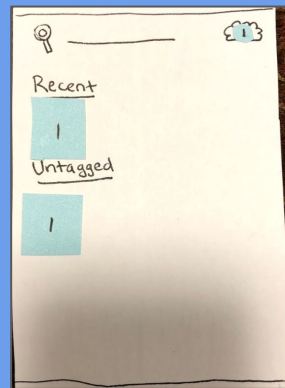
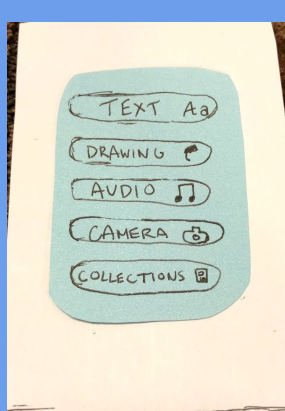
Reflecting about specific memories



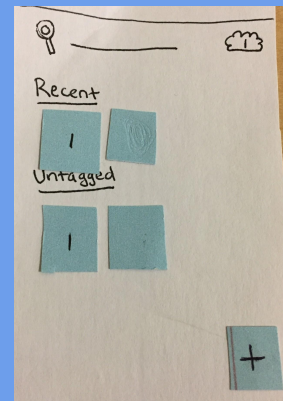
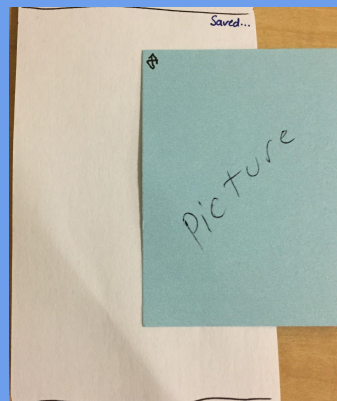
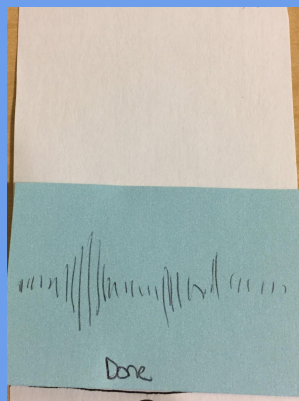
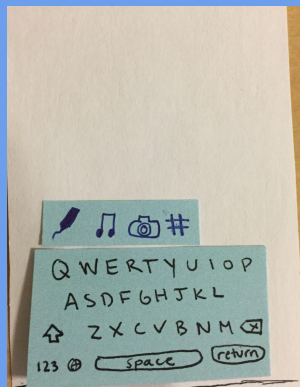
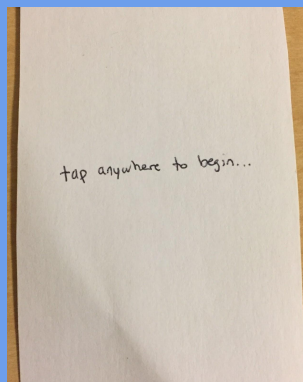
## Complex Task

**Mapping mementos by creating relational  
associations**

# Old

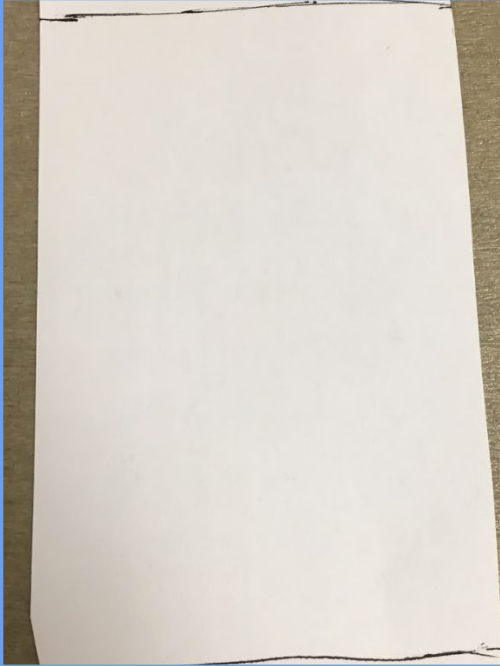


# Revised

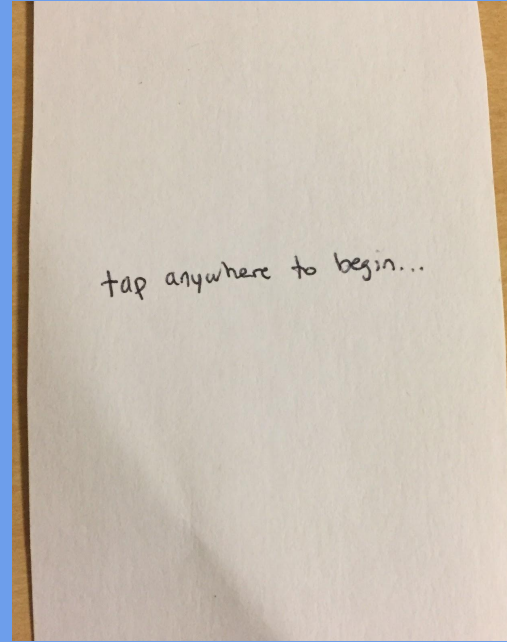




Old

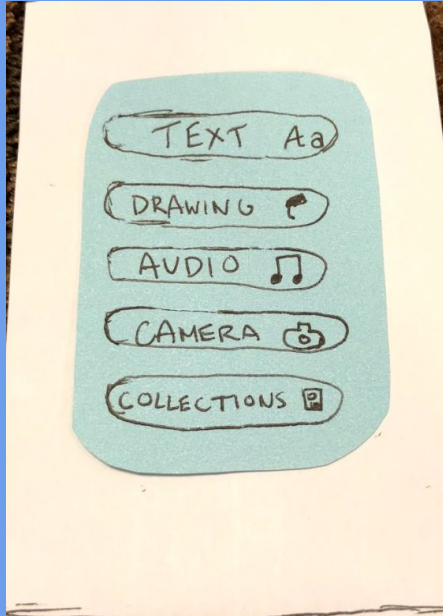


Revised

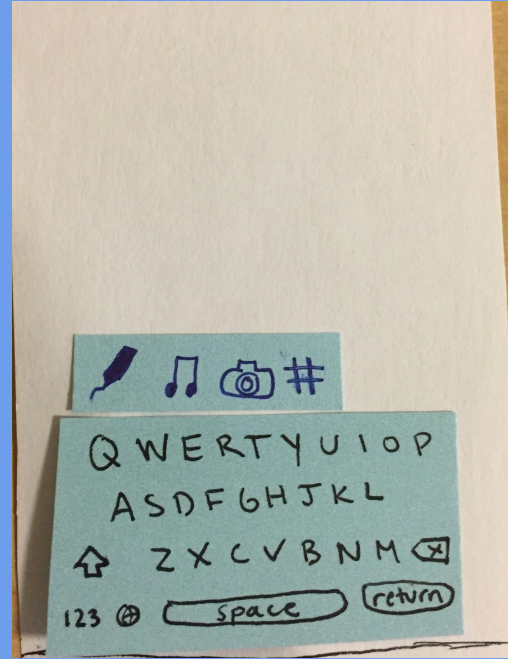


**Added message makes experience less overwhelming thanks to small amount of guidance**

# Old

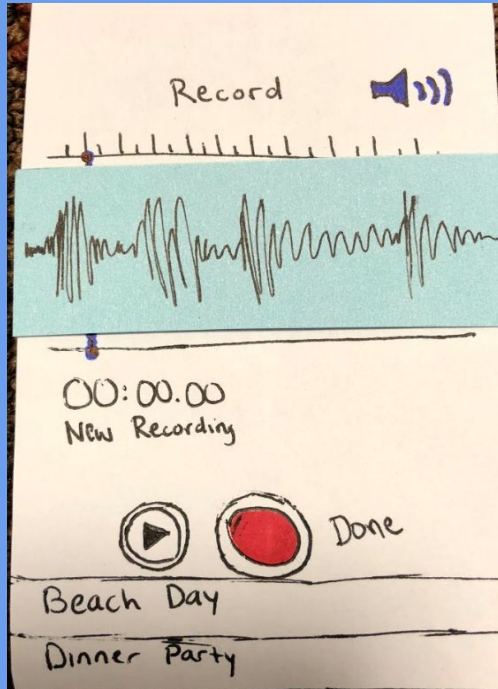


# Revised

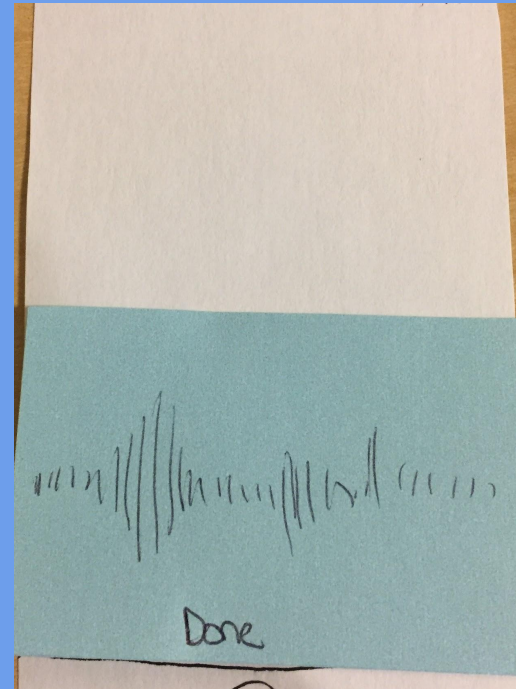


Putting everything in the keyboard gets rid of unintuitive gestures mechanism, making the entire experience just one click rather than going through a menu

# Old

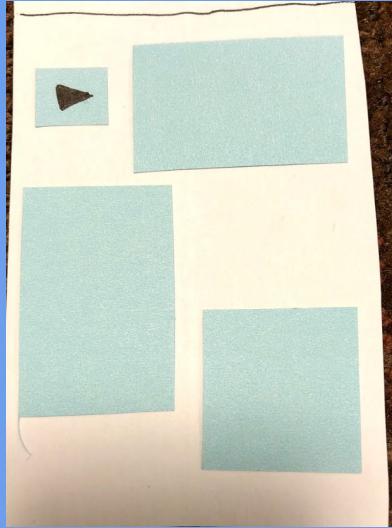


# Revised

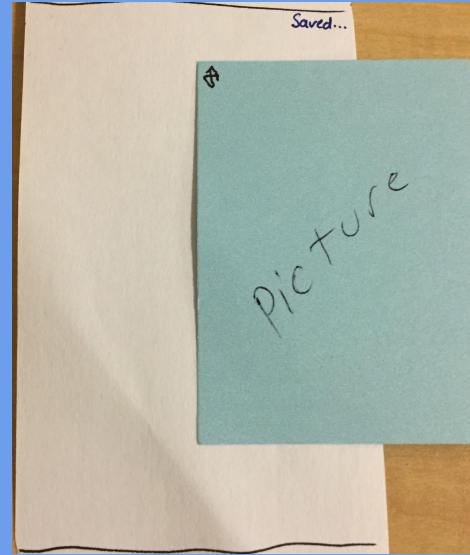


It took too long to load Voice Memos app, and it was also unnecessary as people would not usually add pre-recorded memos. We moved it in app.

## Old

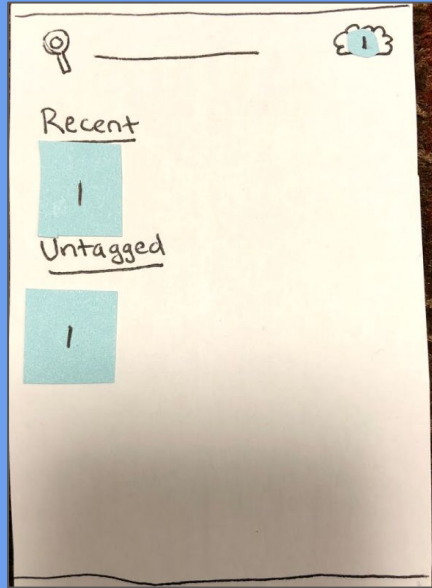


## Revised

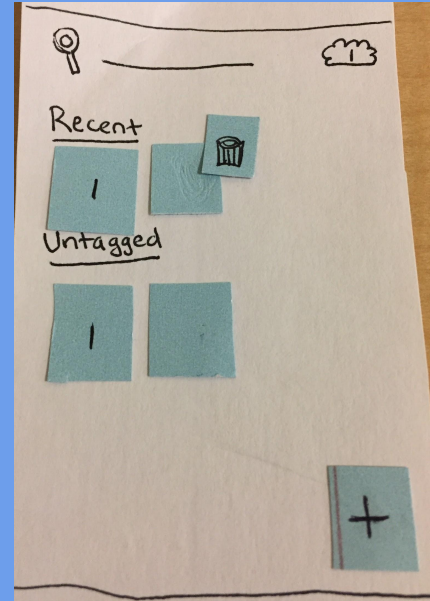


- It was unclear that the space is infinite. Adding media partially offscreen allows users to see that there is infinite space
- Adding "Saved..." gives users feedback so they are not wondering how to save their work
- We now allow users to resize so they can organize more easily

## Old

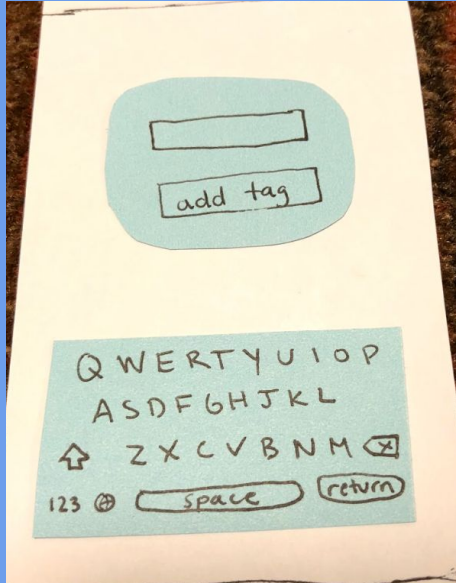


## Revised

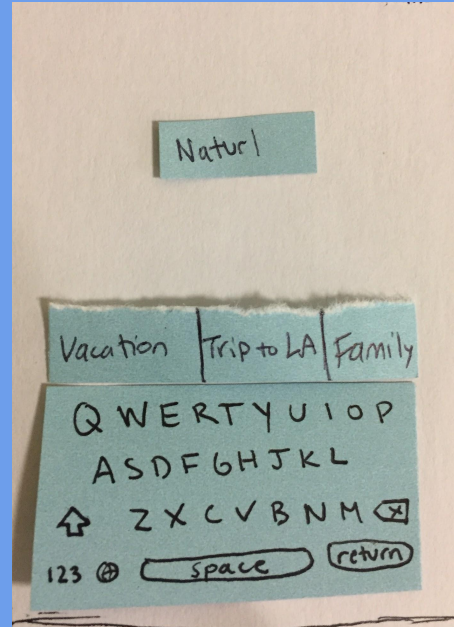


Trash capability was not available for full memories before, so adding it further enhances the memory editing process

Old



Revised



Adding suggestions to tagging implements reminders over recall so people do not have to remember what some of their albums are called



# Revised Interface Design





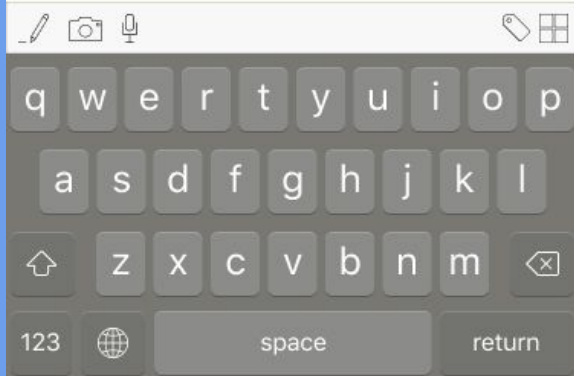
# Task Flows





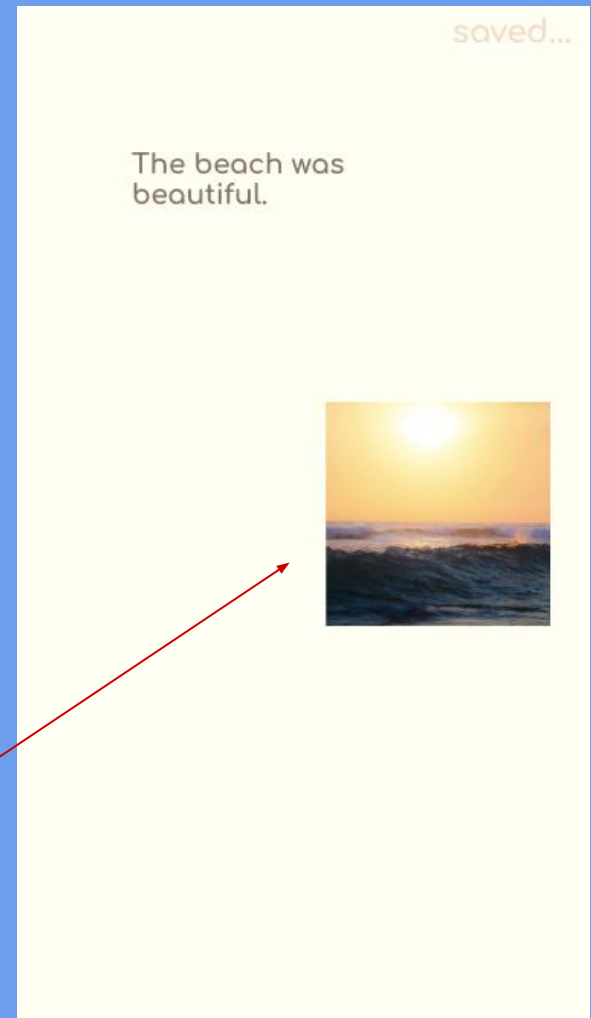
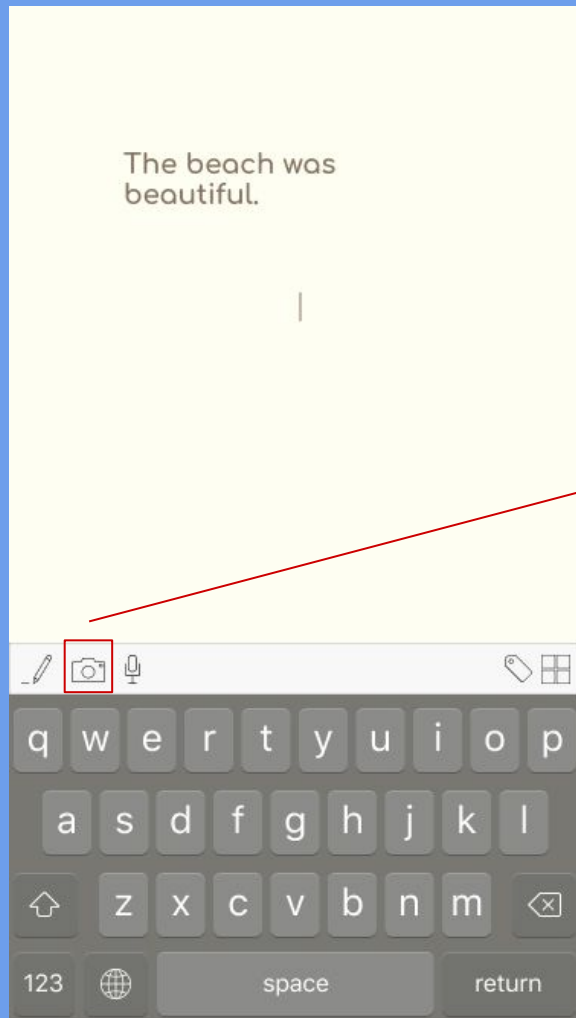
# Simple Task Flow

tap anywhere to begin...



saved...

The beach was  
beautiful.



The beach was  
beautiful.



q w e r t y u i o p

a s d f g h j k l

⬆ z x c v b n m ⬆

123



space

return

The beach was  
beautiful.



saved...

The beach was  
beautiful.



The beach was  
beautiful.

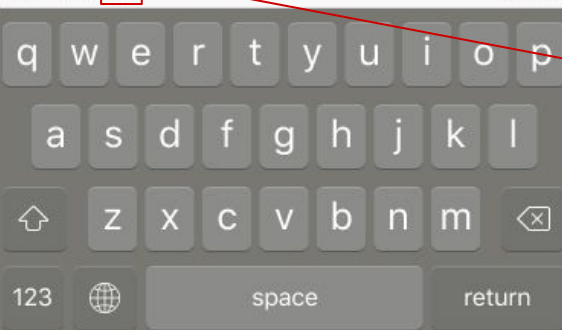
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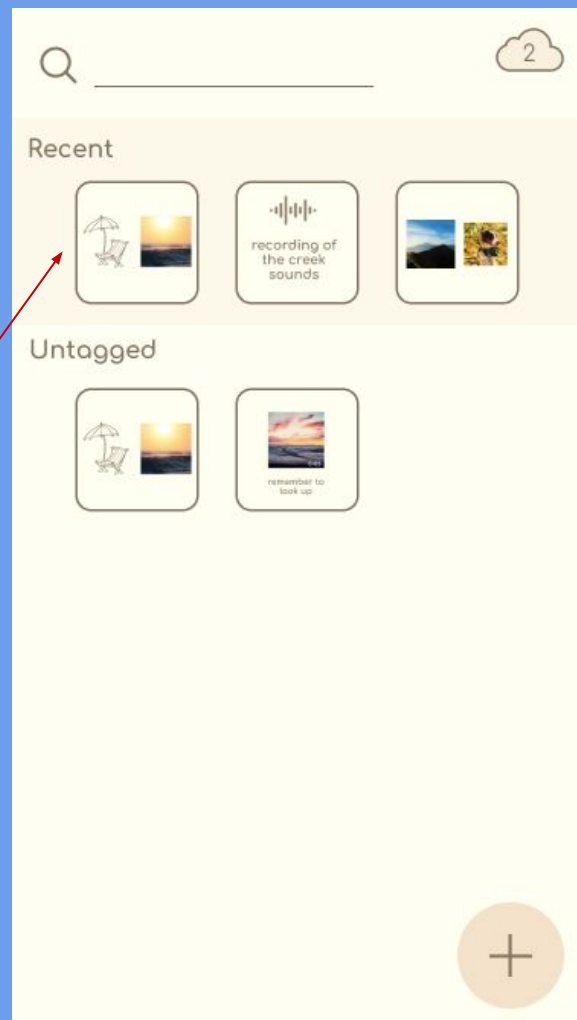
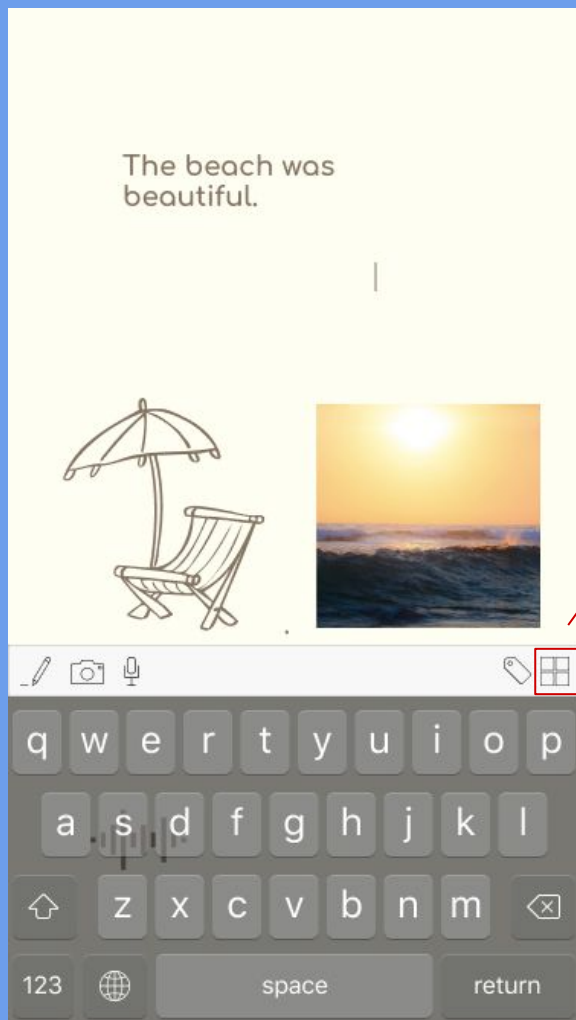


The beach was  
beautiful.



The beach was  
beautiful.

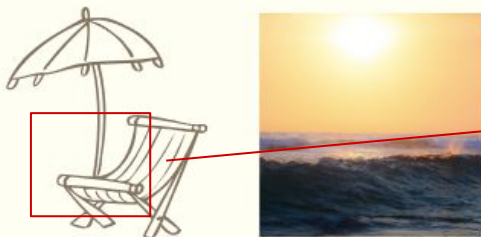






# Moderate Task Flow

The beach was  
beautiful.



The beach was  
beautiful.

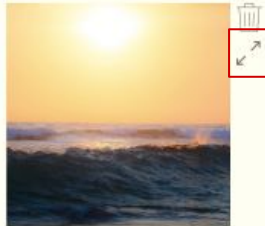


The beach was  
beautiful.

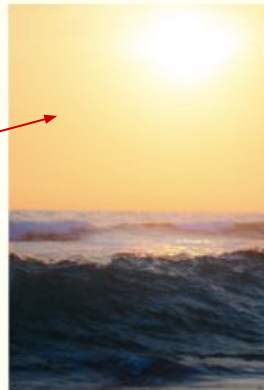




The beach was  
beautiful.



The beach was  
beautiful.



Zoom out by using  
fingers in the  
“zoom out” motion

The beach was  
beautiful.





# Complex Task Flow

The beach was  
beautiful.



Nature



q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ↵

123 globe space return

Vacation

Trip to LA

Family

q w e r t y u i o p

a s d f g h j k l

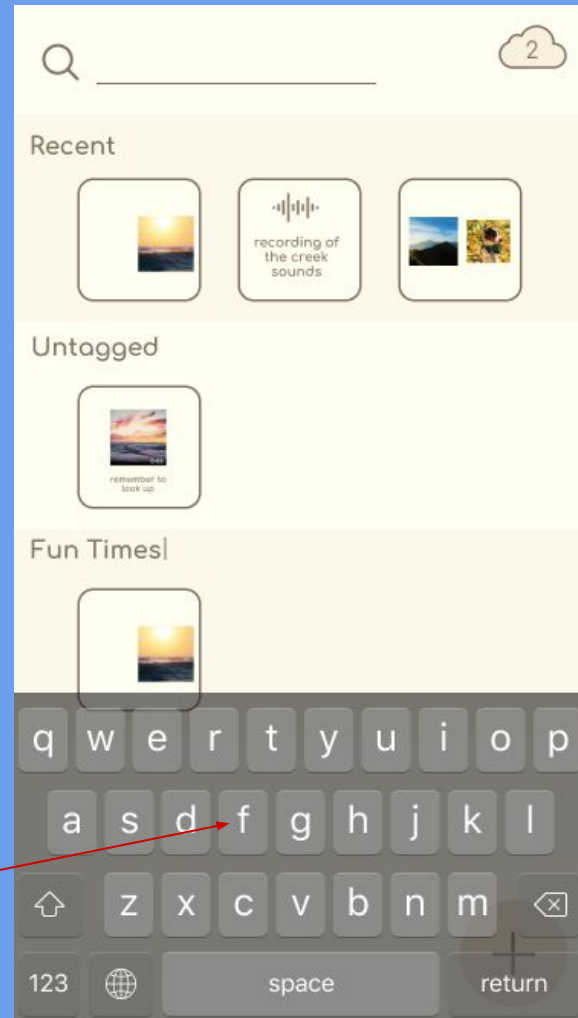
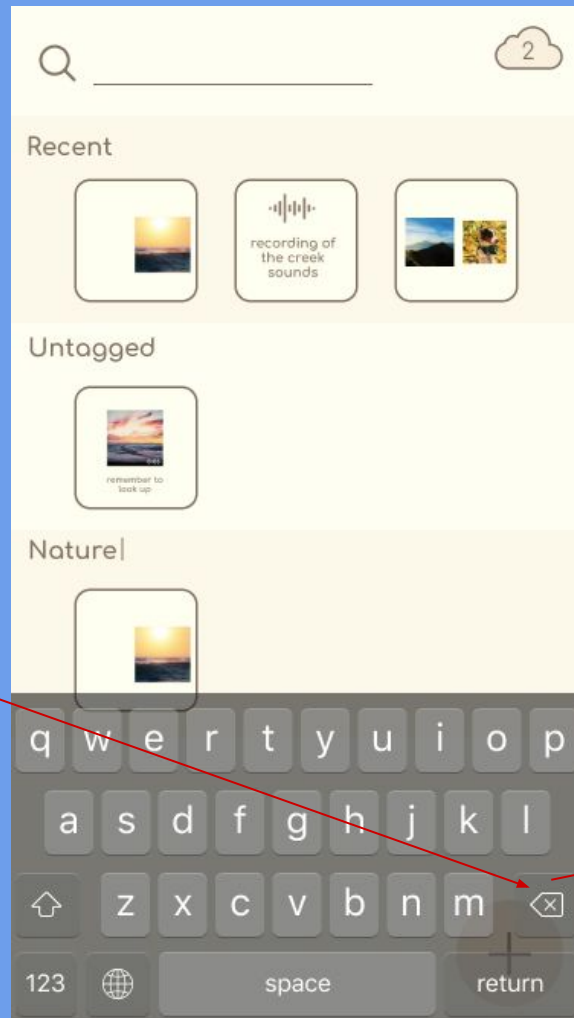
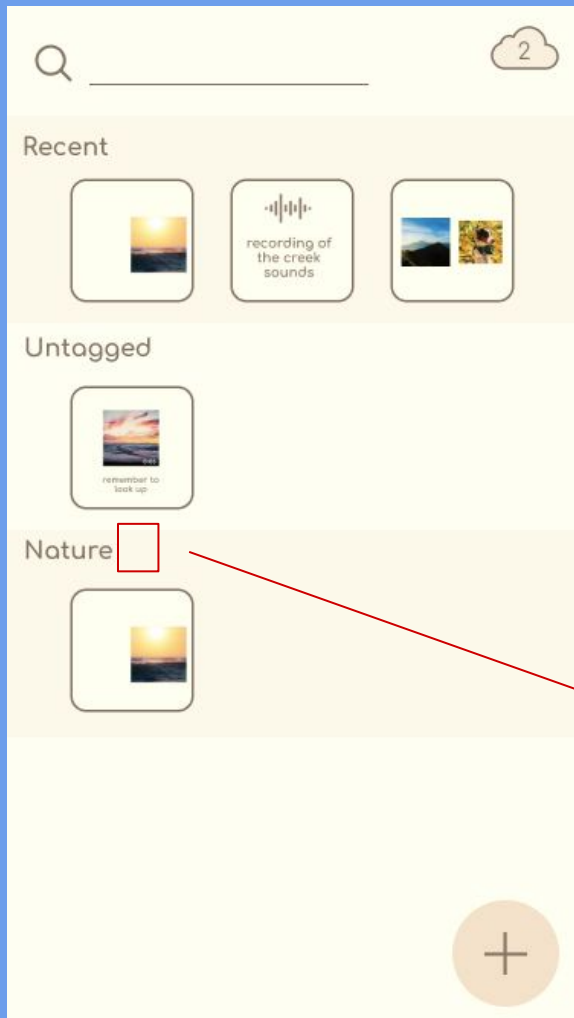
↑ z x c v b n m ↵

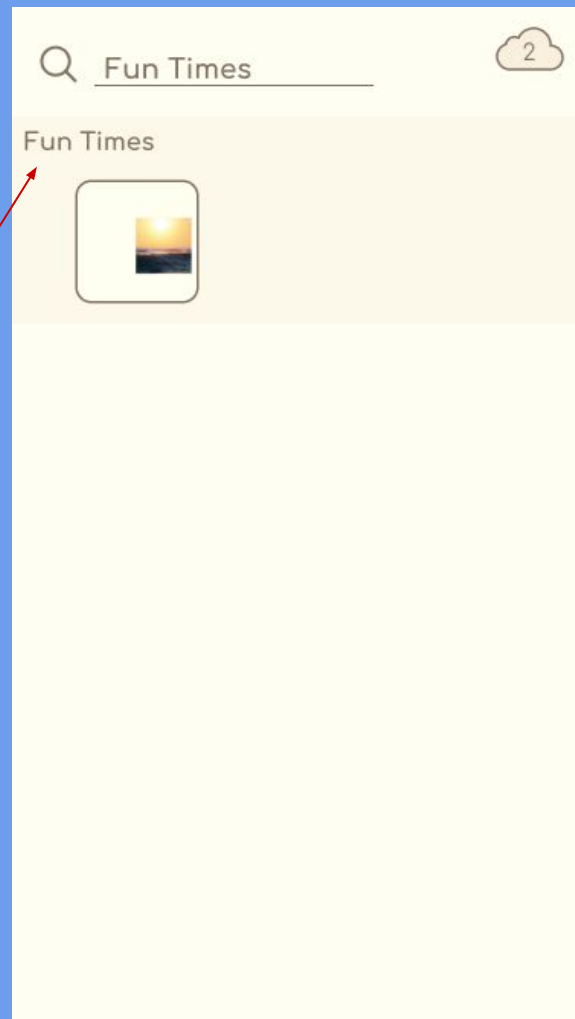
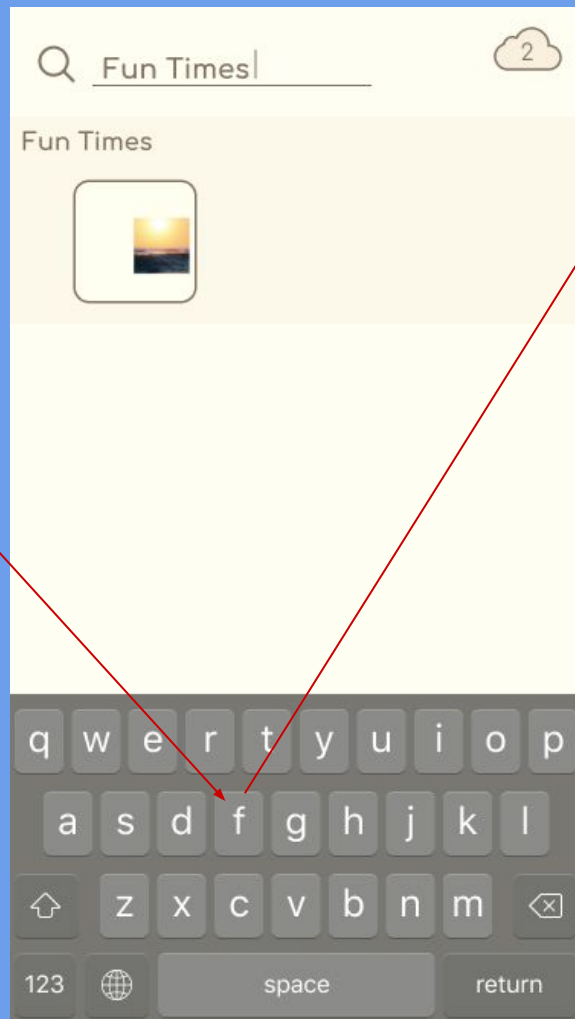
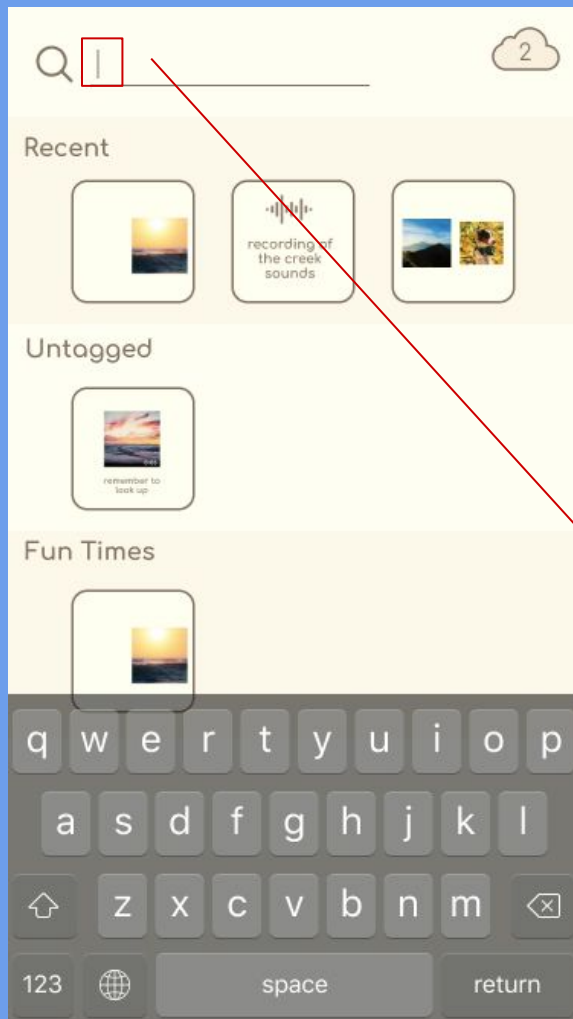
123 globe space return

tag successfully added...

The beach was  
beautiful.







Q Fun Times

2

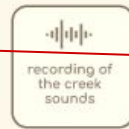
Fun Times



Q

2

Recent



Untagged





# Prototype Overview



### We Used:

- Figma
- Invision

### How the Tools Helped:

- Figma allowed us to all collaborate online
- Figma helped create visuals
- Invision helped make the prototype interactive

### How the Tools Didn't Help:

- Couldn't create all the features
- Couldn't actually store user input
- Limited interaction (e.g can't scroll, can't zoom in/out)





### Limitations/Tradeoffs

- Could not add personalized media
- User data is not stored as we did not have a database
- Did not have extensive workflow because there are too many permutations
- Ability to toggle calendar view
- Double tap instead of hold for deletion and resize due to InVision
- Double tap to zoom and move around the screen due to InVision



## Wizard-of-Oz Techniques and Hardcoded Features

- All media users can add is premade
- The camera and camera roll are pre-populated
- Tags and organization
- Resize capabilities
- Search bar