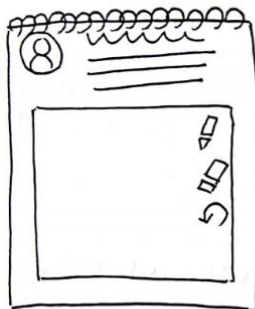


15. Interface Designs

Team Experience Museums Project

Alli Hishikawa

LAYOUT



author: Alli Hishikawa
title: user profile
date: 2.14.2019
task: enter info. about museum preferences

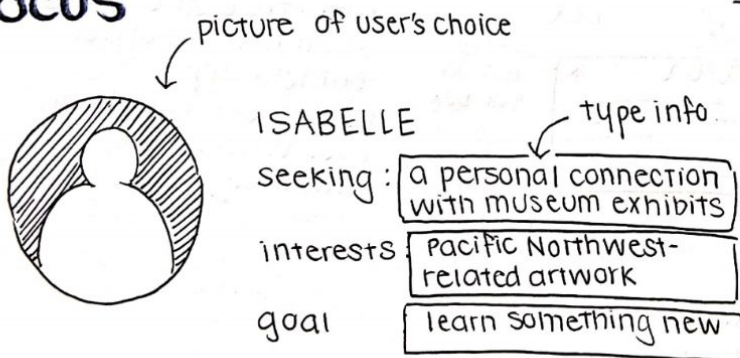
OPERATIONS

- clickable picture to edit and upload own pics
- type text into textbox
- editable name

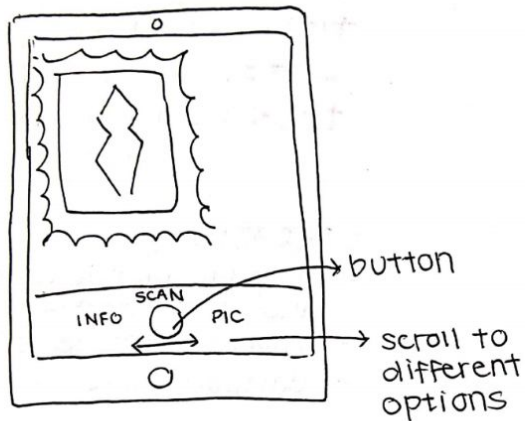
DISCUSSION

- layout is common in many apps, so it will be easy for users to understand
- Users might not want to fill out everything
- Users may not know what to write

FOCUS



LAYOUT

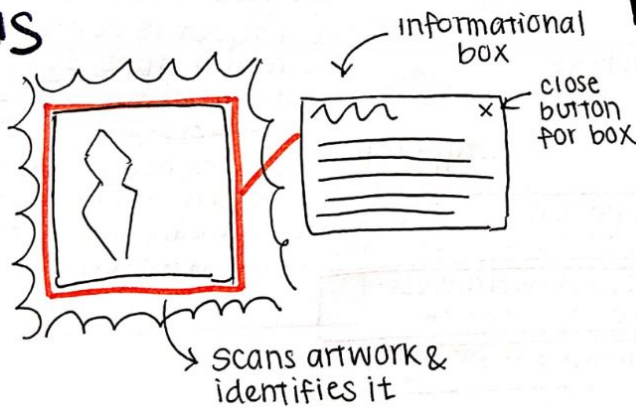


author Allie Hishikawa
title camera
date 2.14.19
task scan artwork for more info

OPERATIONS

- button to scan, get info, or take a pic
- exit button for info. box

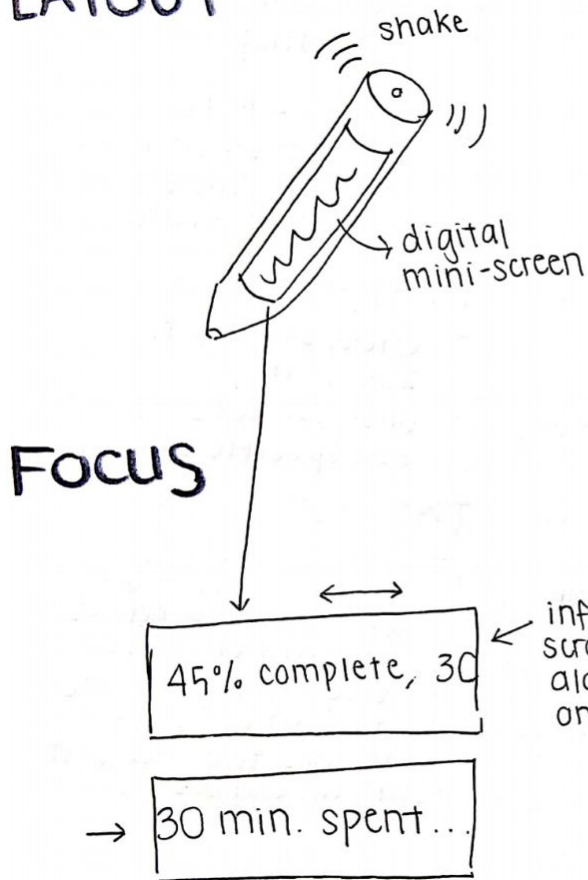
FOCUS



DISCUSSION

- intuitive due to its similarity to other camera apps
- colors clearly show user where they are scanning / photographing

LAYOUT



FOCUS

author: Alli Hishikawa
title: status
date: 2.14.19
task: show status of museum journey to user

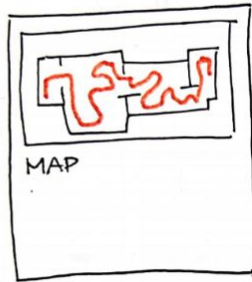
OPERATIONS

- shake pen to check status
- automatic scroll of info after activated by shake

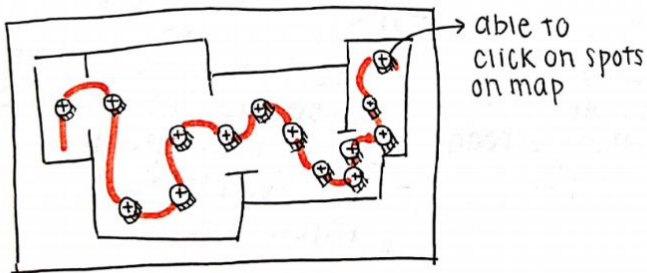
DISCUSSION

- users may not want to see how much time they have spent
- passive intake of information

LAYOUT



FOCUS



author: Allie Hishikawa

title: map

date: 2.14.19

task: look at map
of where a
User visited

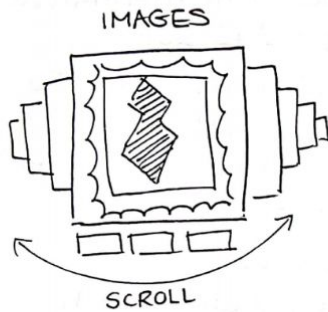
OPERATIONS

- click on map to zoom in
- click on dots to see specific exhibit

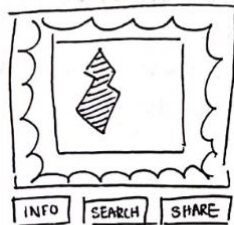
DISCUSSION

- allows users to visually see their journey and reflect on their exhibits
- users can associate an exhibit with where they were at in an exhibit

LAYOUT



FOCUS



★ ← add to favorites

author: Allie Hishikawa

title: exhibit carousel

date: 2.14.19

task: scroll through
collection of exhibits

OPERATIONS

- scroll through images
- click on buttons for more info
- star exhibits to add to favorites album

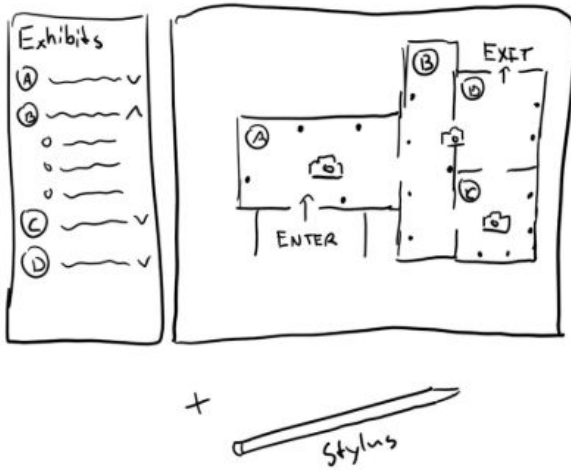
DISCUSSION

- familiar layout to other applications
- users can both access info. & share their experience w/ others

Alex Banh

Sketch 1

Layout

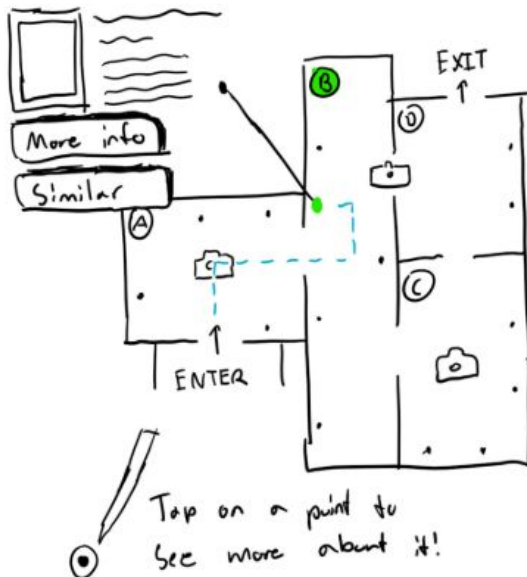


Author: Alex Banh
Title: Museum Map
Date: 2/15/19
Task: Allows users to navigate the museum to find specific art pieces

Operations

- Points on map can be selected by tapping on them with the stylus.
- Tapping on a point opens a dialog which displays detailed information on the selected art piece.
- "More info" and "Similar" buttons can be pressed to open a new dialog giving additional contextual info.

Focus

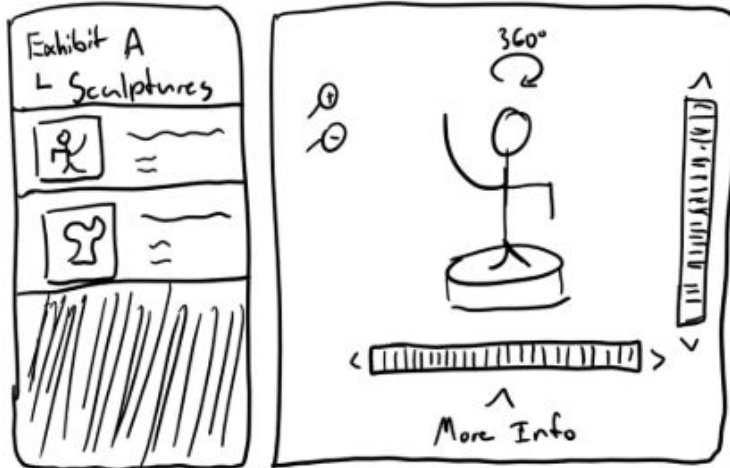


Discussion

- Possible trade-offs between density and "clickability" of points.
- Info dialog boxes could possibly crowd up device interface.

Sketch 2

Layout



Author: Alex Banh

Title: Art Viewer

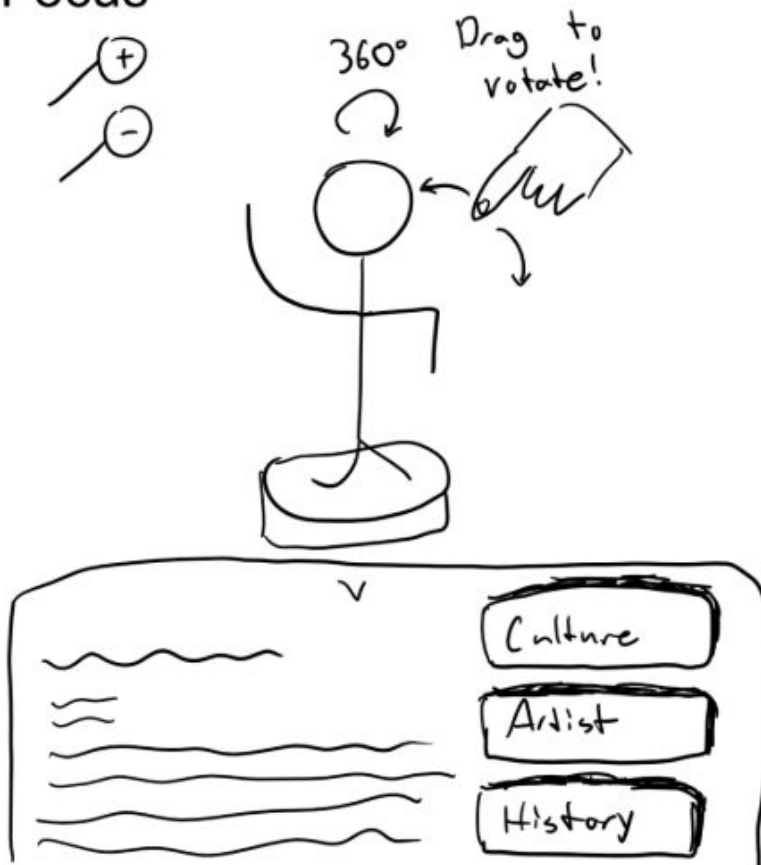
Date: 2/15/19

Task: Allows users to learn and connect with culture and histories through art.

Operations

- Art piece can be rotated and moved around using scroll bars or simply through user touch.
- Tapping on zoom buttons either zooms in or out on art piece.
- Swipe-up or tap on "More Info" brings up a container with detailed information on piece and additional links.

Focus

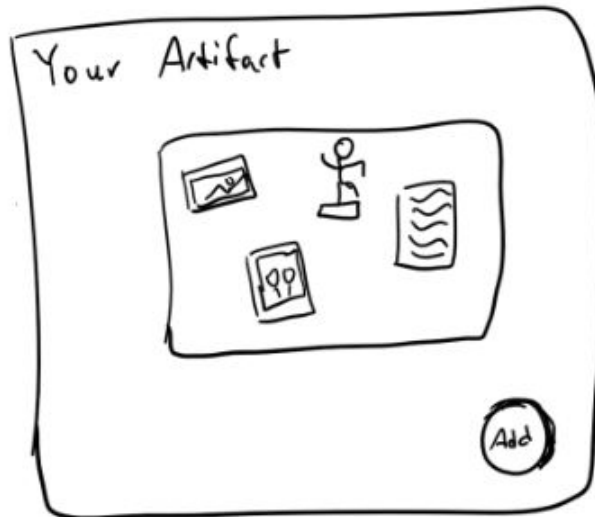


Discussion

- Availability of digital art pieces may reduce actual museum visits.
- Interface could prove redundant if device has other informational screens/mods.

Sketch 3

Layout



Author: Alex Banh

Title: Memento creation interface

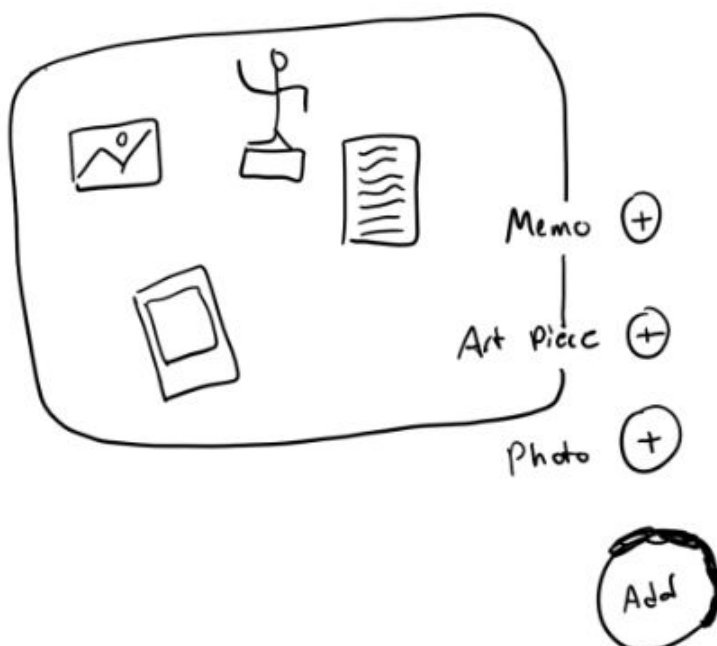
Date: 2/15/19

Task: Allows users to create a personal artifact/memento based on their visit to the museum.

Operations

- "Add" button allows for user to add an item related to the museum to their personal "artifact".
- Items on personal "artifact" can be dragged and rotated to create a desired layout.

Focus

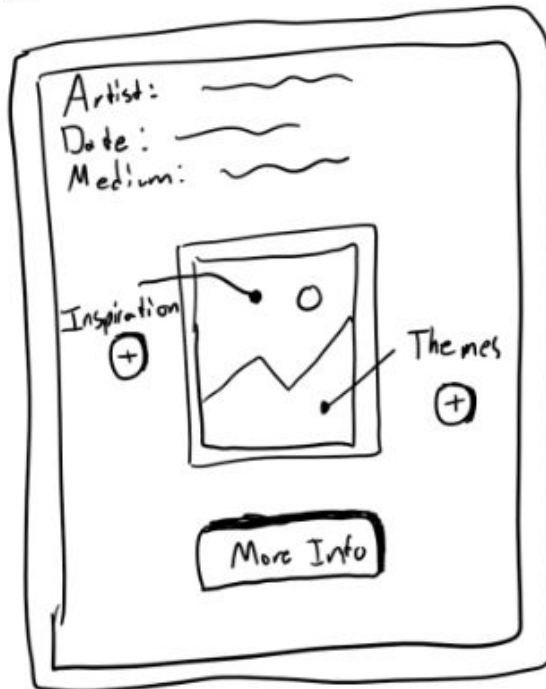


Discussion

- Limits on physical artifact creation could make interface trivial. (costs of actually creating artifact)
- Artifact may not be able to provide enough space for all the pieces a user may want.

Sketch 4

Layout



Author: Alex Banh

Title: Informational AR Art Overlay

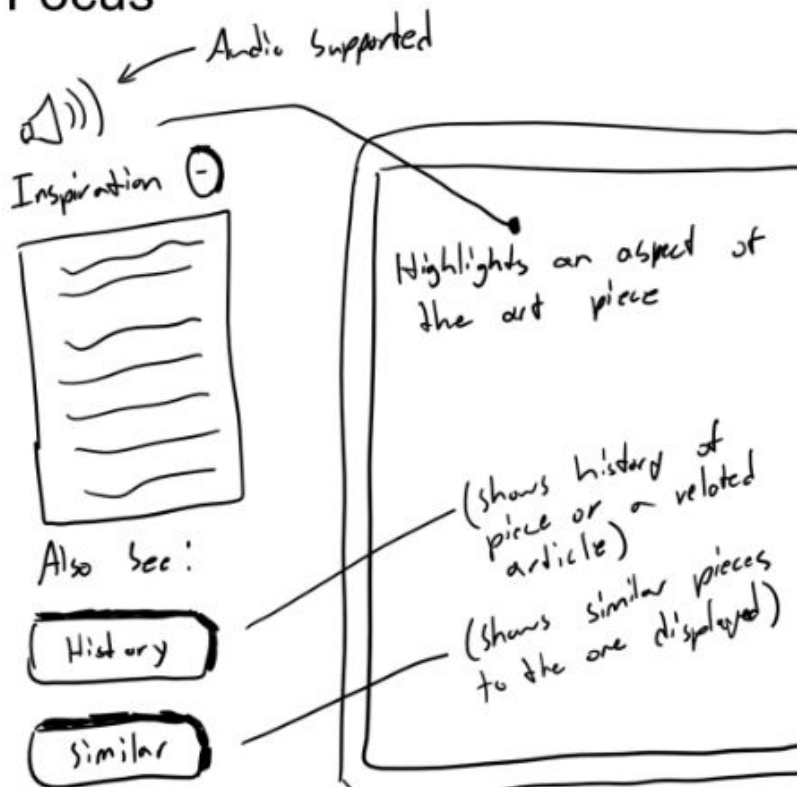
Date: 2/15/19

Task: Allows users to gain additional contextual info on art pieces.

Operations

- General information related to art piece displayed on top.
- "+" buttons label aspects of art, are clickable to reveal more information.
- "More Info" button allows user to read a more detailed description and more general info when tapped.

Focus

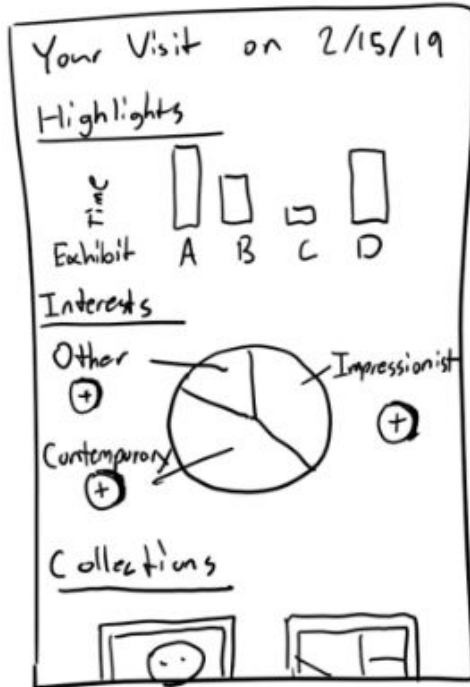


Discussion

- "+" button on layout screen could potentially be confusing, may imply adding items instead of expanding.
- Screen/interface real estate could be crowded

Sketch 5

Layout

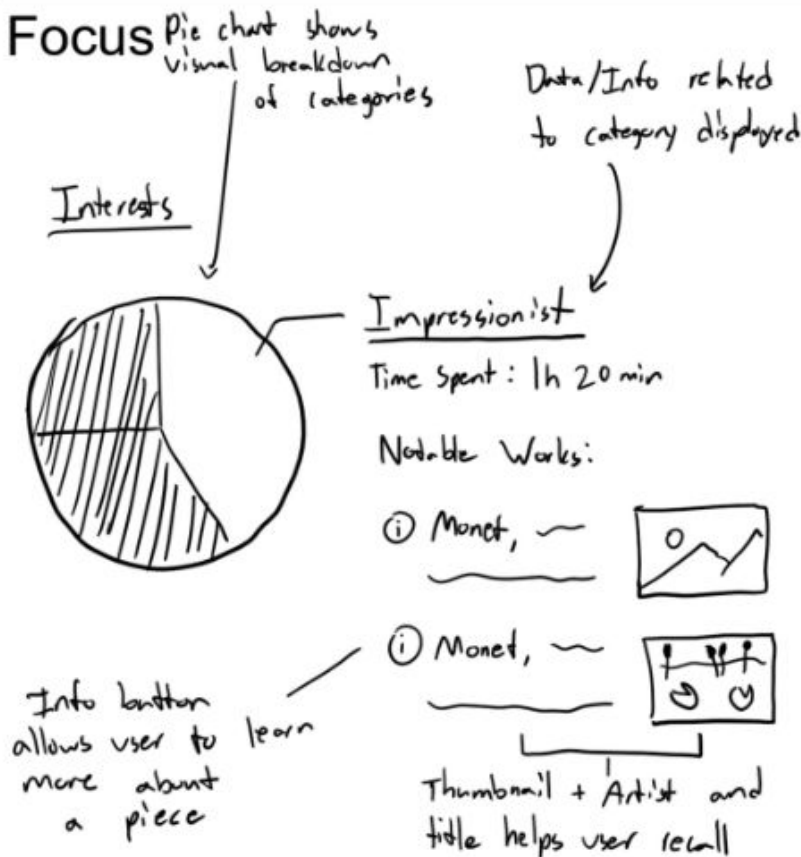


Author: Alex Banh
Title: Visit Review and Reflection page
Date: 2/15/19
Task: Allows users to reflect on and see data about their museum visit.

Operations

- Interface displays "at-a-glance" information related to data from museum visit.
- Pressing on parts of the pie charts expands the category and displays related additional info.
- Info tooltips next to each art piece allows users to dig deeper into a certain piece.

Focus

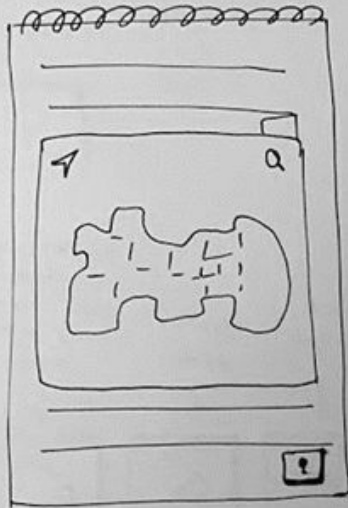


Discussion

- Scroll bar could be added to art listings in order to indicate that there are more options for the user to see.

Annie Xia

Layout



Author: Annie Xia

Title: GPS/Pop up Map

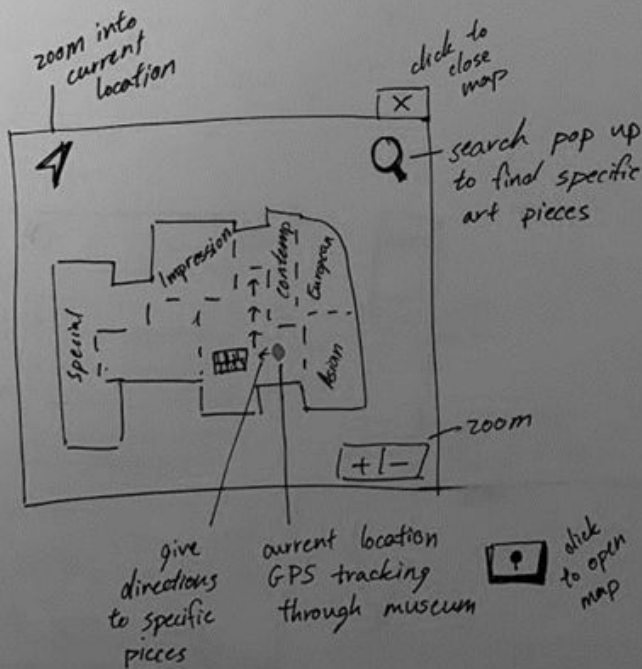
Date: 2/14/19

Task: Map of museum that allows users to find specific pieces relative to their location

Operations:

- allows user to zoom in and out to different parts of the art museum
- Shows GPS location of user in museum
- Allows user to search for art pieces
- allow users to find their own location

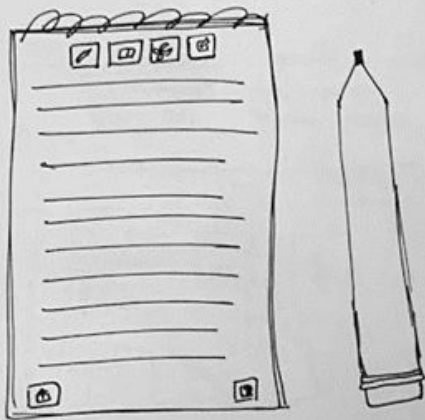
Focus



Discussion:

- icons are familiar and easy to use
- could be too small to see on screen
- would this confuse a user more?

Layout

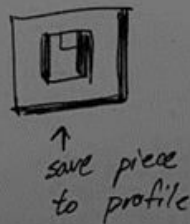
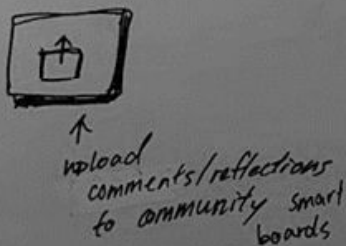
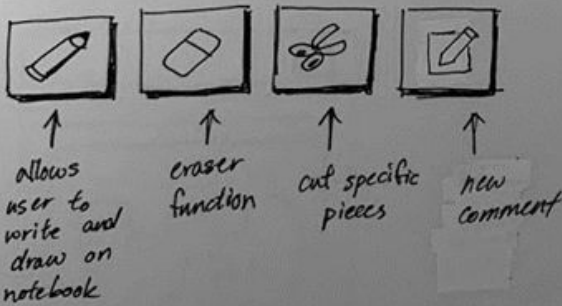


Author: Annie Xia
Title: Comments/reflection
Date: 2/14/19
Task: Allows user to write and upload comments and reflections of art pieces to communal discussion boards

Operations

- allow user ability to save reflection to view later.
- allow user to upload to community board
- user can write using the stylus pen and smart notebook
- user can also erase, cut pieces
- write multiple comments

Focus



Discussion:

- icons are similar to other note applications
- how likely will users use this function?
- is it visually enticing?

Layout



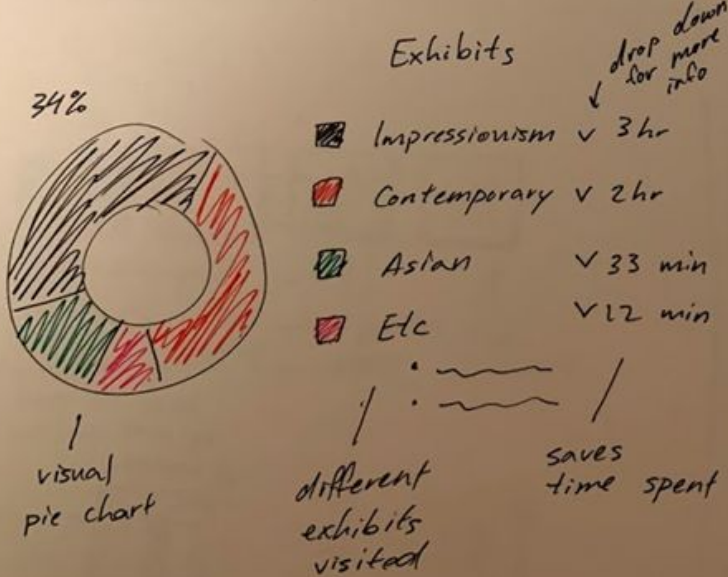
Author: Annie Xia
Title: Visit Review
Date: 2/14/19

Task: Wholistic view of museum experience accessed on desktop after visit

Operations:

- click on parts of pie chart to see statistics
- provides user with museum/exhibit break down
- shows user's interest in specific exhibits by the time spent

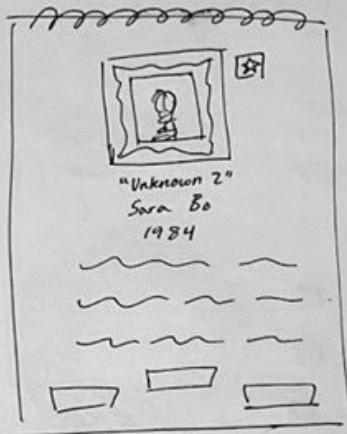
Focus



Discussion:

- Good use of color
- Use of key to make pie less cluttered.
- drop down functions aren't clear
- not very interactive

Layout

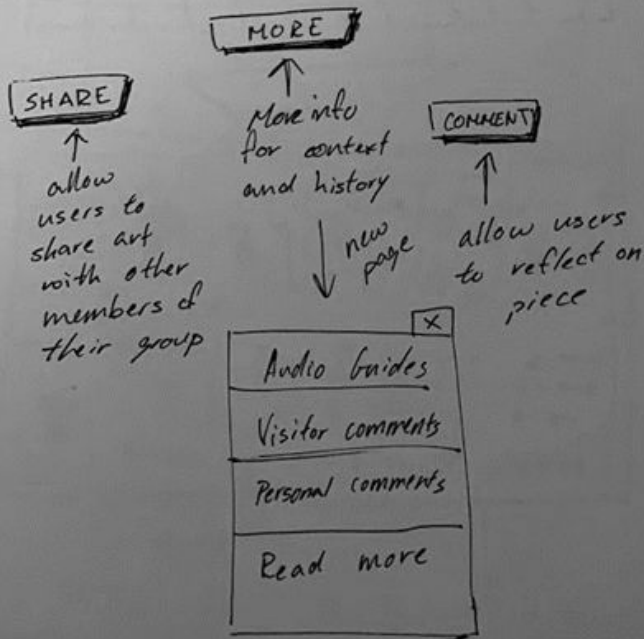


Author: Annie Xia
 Title: Information Gather
 Date: 2/14/19
 Task: Information page
 on a specific art piece

Operations:

- allow user to share piece with other members of group scattered in museum
- request more information in text, audio, and other user comments
- allows user to create comment

Focus

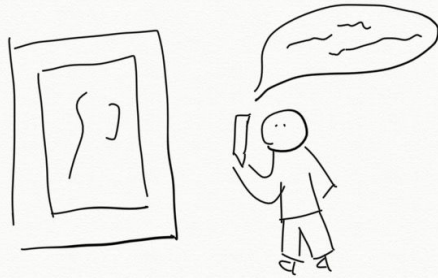


Discussion:

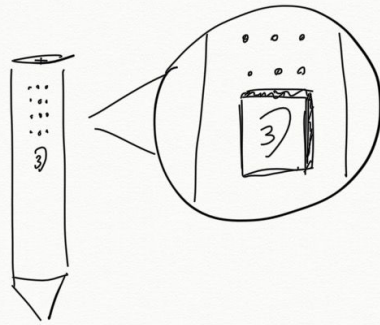
- intuitive buttons
- visually uninteresting
- how would the pen stylus contribute?
- buttons look clickable
- Menu is helpful but perhaps a different layout?

Vishaka Nirmal

LAYOUT



FOCUS



AUTHOR - Vishaka Nirmal

TITLE - Listen tool

DATE - 2.12.2019

TASK - listening to information about works of art

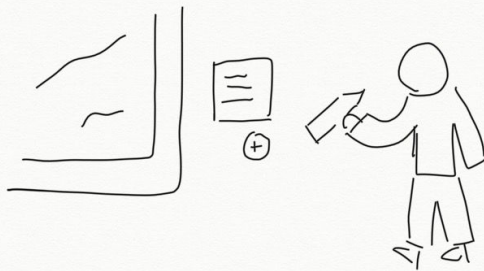
OPERATIONS

- user presses the ear button
- the pen will begin talking about the nearest work
- once finished, user can press button again to stop or move away from art

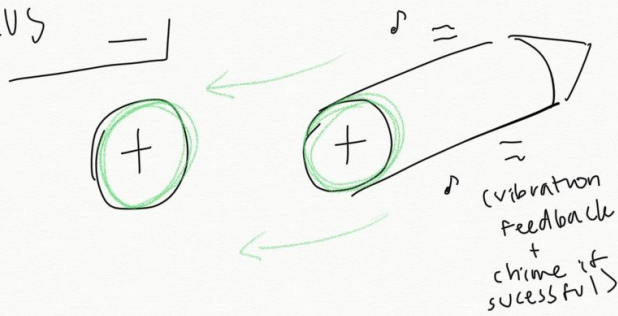
DISCUSSION

- noise pollution within museum
- would need to make sure users know to hold up to their ears

LAYOUT



FOCUS



AUTHOR - VISHAKA Nirmal

TITLE - save tool

DATE - 2.12.2019

TASK - saving a work of art

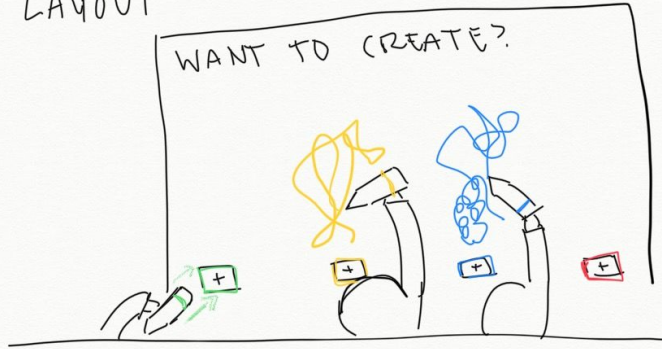
OPERATIONS

- user aligns the plus on the back end of pen to the plus sign near a work
- this action saves a work to their collection

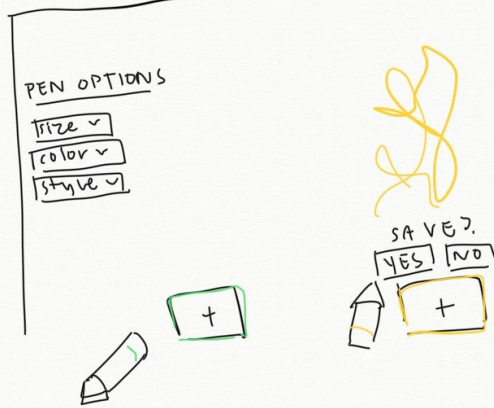
DISCUSSION

- potential noise pollution in museum
- easy to understand interface

LAYOUT



FOCUS



AUTHOR - Vishaka Nirmal
TITLE - Draw tool
DATE - 2.12.2019
TASK - drawing + creating
artifacts throughout museum

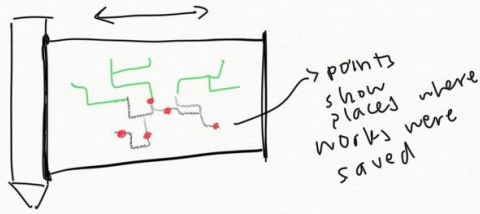
OPERATIONS

- user presses pen to a plus sign on drawing board
- interactive board allows change in pen attributes
- can save to their collection

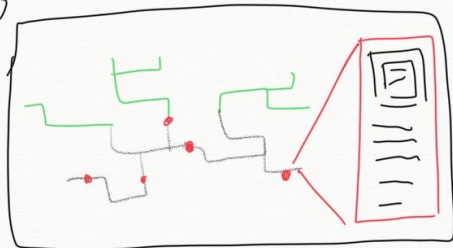
DISCUSSION

- may not be intuitive
- might need an intro/setup start?
- could be distracting from works of art

LAYOUT



FOCUS



AUTHOR - vishaka nirmal
TITLE - map tool
DATE - 2.12.2019
TASK - show user map + works visited

OPERATIONS

- shows where user has gone throughout museum (green for hasn't visited, grey for already seen)
- can see points of significance w/ pen
- can log on after to see pts.

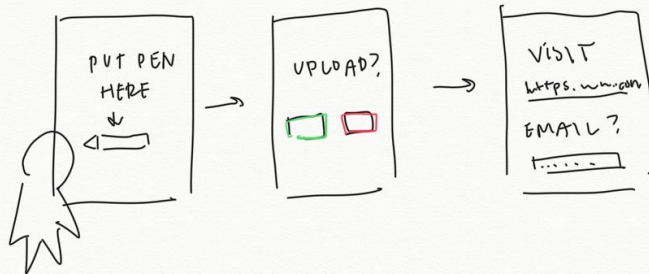
DISCUSSION

- would people log in after to see significant points?

LAYOUT



FOCUS



AUTHOR - vishaka nirmal
TITLE - Reflection Hall
DATE - 2.12.2019
TASK - uploading and creating a social board for reflections + drawings

OPERATIONS

- user puts pen in kiosk
- decides whether to upload drawing + reflections
- if yes, pen's contents are put up on a display wall
- can send link of their pen to their emails at end.

DISCUSSION

- would allow easy give-back of pen
- would people want to upload their work?