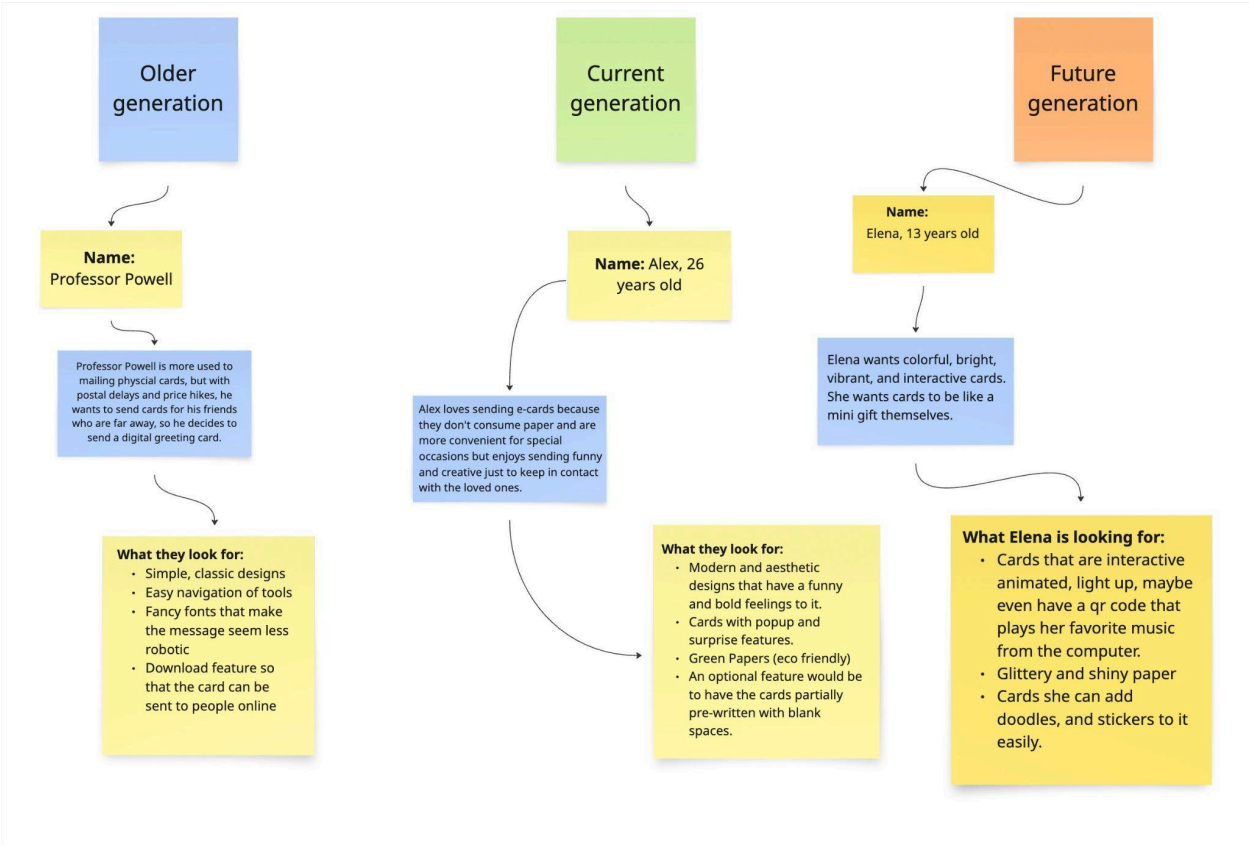
Card Project Proposal

Concept: Building custom greeting cards!
Title (subject to change): Card Create
Purpose: Letting friends and family transmit care through time and space with easily accessible, personal customization of digital greeting cards!
Minimum Viable Product (MVP):
Users can create and decorate their own 5” x 7” dimension (standard dimension) greeting card, uploading a photo or using plain text to decorate the cover, and typing a personalized message on the inside.

- The created card will be saved to local storage until deleted by user
- When they are done, they can choose to download the card

User Personas



Potential Feature List (organized by priority):

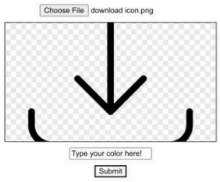
Highlighted items are required for MVP

1. Buttons to create and delete a greeting card

2. Add text anywhere on a set space on the page
    a. Can we move text around?
3. Upload a photo into a set space on the page
4. Download finished card
5. Gallery display of cards built by the user for easy access
6. Option to customize fonts
7. Option to change the orientation of the card (sandwich or hot dog style)
8. Option to add stickers to card
9. Pre-built templates for users to edit/ start their card designs from

Feature Testing

upload image functionality



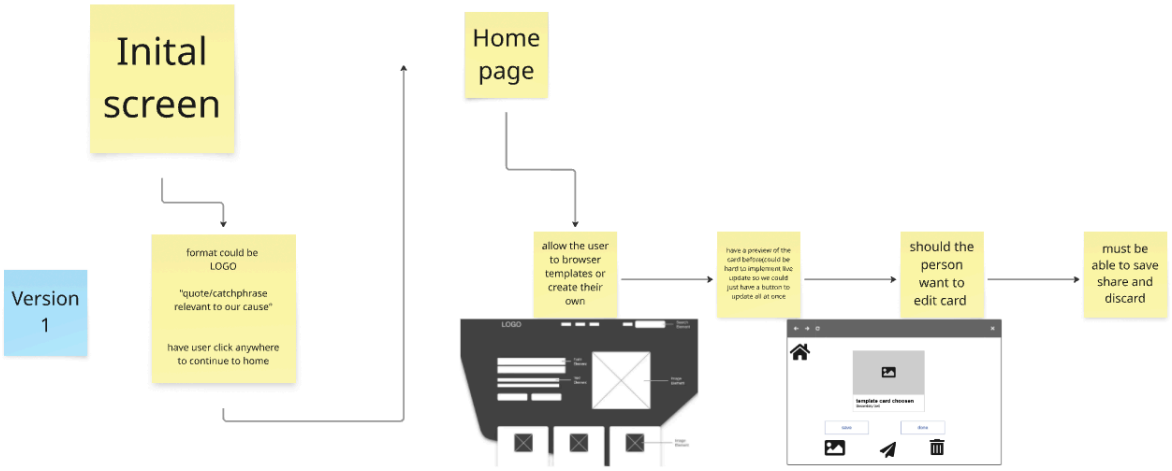

```
<!--picture button-->
<input type="file" id="image_input" accept="image/png,image.jpg">
  <div id="display_image"></div>

<!--color button-->
 <input class="submissionField"
  value = "Type your color here!">
<button
 class = "submitButton">Submit</button>

 <script src="Collage.js"></script>
</body>
```

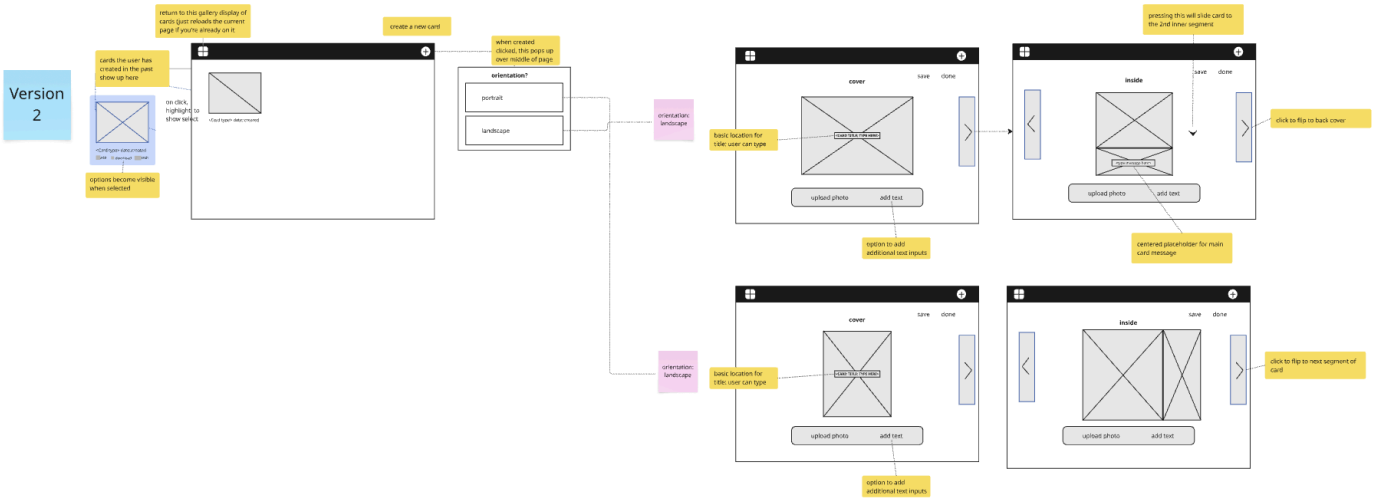
html

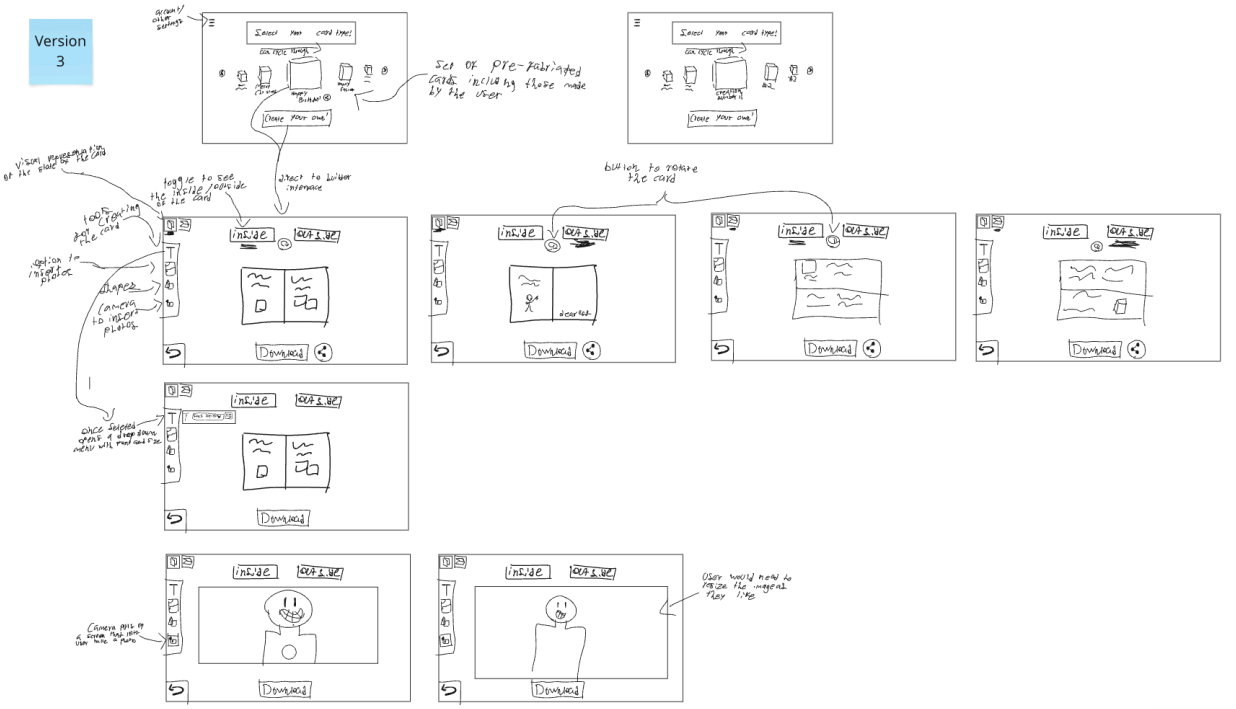
```
const image_input = document.querySelector("#image_input");
var uploaded_image = "";

image_input.addEventListener("change",function(){
const reader = new FileReader();
  reader.addEventListener("load",() => {
    uploaded_image = reader.result;
    document.querySelector("#display_image").style.backgroundImage =
`url(${uploaded_image})`
  });
  reader.readAsDataURL(this.files[0]);
})
```

JS handling

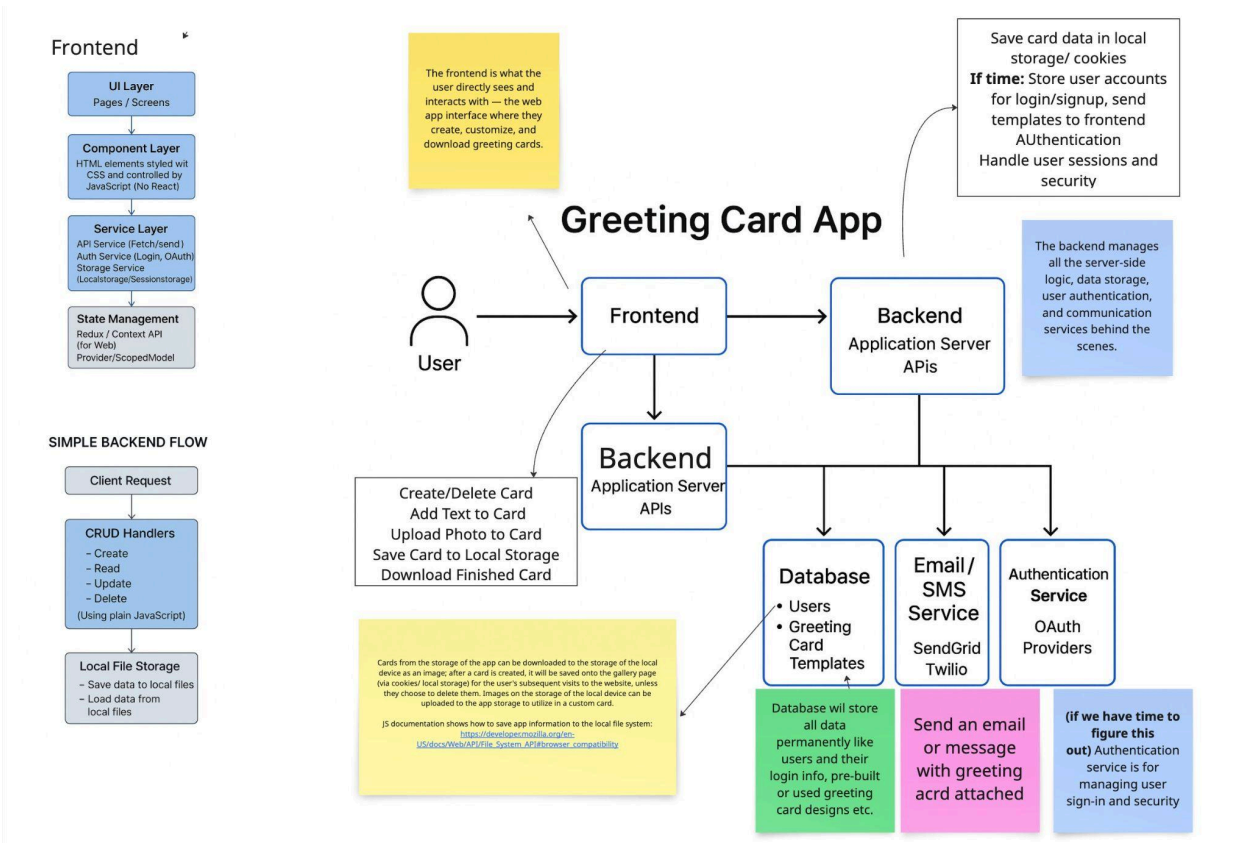
Sketches


Inital screen
Home page
Version 1
format could be LOGO
"quote/catchphrase relevant to our cause"
have user click anywhere to continue to home
allow the user to browser templates or create their own
have a preview of the card before(could be hard to implement live update so we could just have a button to update all at once
should the person want to edit card
must be able to save share and discard
LOGO
template card choosen

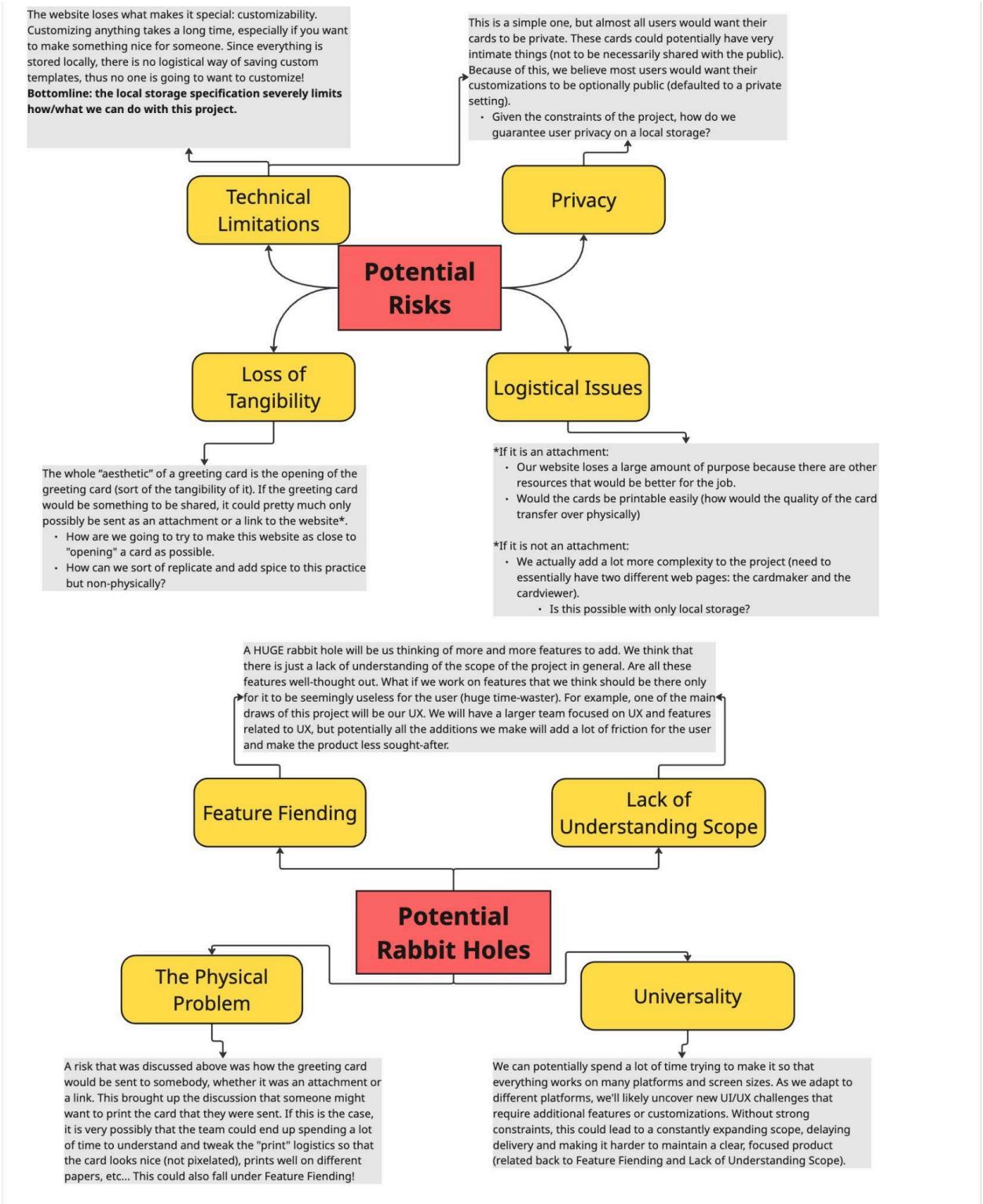

Version 2
return to this gallery display of cards (just reloads the current page if you're already on it
cards the user has created in the panel show up here
on click, highlight to show select
options become visible when selected
create a new card
when created clicked, this pops up over middle of page
orientation?
portrait
landscape
orientation: landscape
orientation: landscape
cover
save
done
basic location for title user can type
upload photo
add text
option to add additional text inputs
inside
pressing this will slide card to the 2nd inner segment
click to flip to back cover
centered placeholder for main card message
click to flip to next segment of card



System Design



Risks & Rabbit Holes



Possible Expansions

- After the MVP is complete and tested with users, we can make our way down the features list
- Improve app security and retention of designs

(Rough) Workflow => 5 weeks to MVP (or beyond) completion**:**
**this is subject to change based on assignment structure laid out by teaching team*
-> weekly meetings + drop in work hours during Wednesday lab sessions
-> full team check ins Tuesdays and Thursdays: sprint updates to leads on Sundays + more as needed
Weeks 1 & 2: interface design, user research and feature feasibility testing
Week 3: implementation
Week 4-5: testing and refinement