

Problem

Problem Statement: Nail art enthusiasts often enjoy collaborating on creative nail designs with friends, family, or nail artists. However, there is currently no dedicated platform that allows for seamless and real-time collaboration on nail art designs:

- Frustration among users who want to work on nail art projects together in a synchronized manner.
- Limited options for users to engage with their friends or artists in the nail art community.
- Potential loss of user engagement and retention due to the absence of collaborative features.

Appetite

Appetite Statement: I want to address the problem of nail art enthusiasts lacking a collaborative platform by building a lightweight and user-friendly collaborative nail art feature within our mobile app:

- The initial scope of work is to allow users to invite a collaborator to work on a nail art design together.
- We expect to ship this feature within 2 development cycles, approximately 6 weeks.
- We are willing to dedicate a team of one designer and one developer for the duration of the project.

Solution

Our solution involves creating a collaborative nail art feature that mimics the real-time collaboration experience found in tools like Google Docs. Here's how it will work:

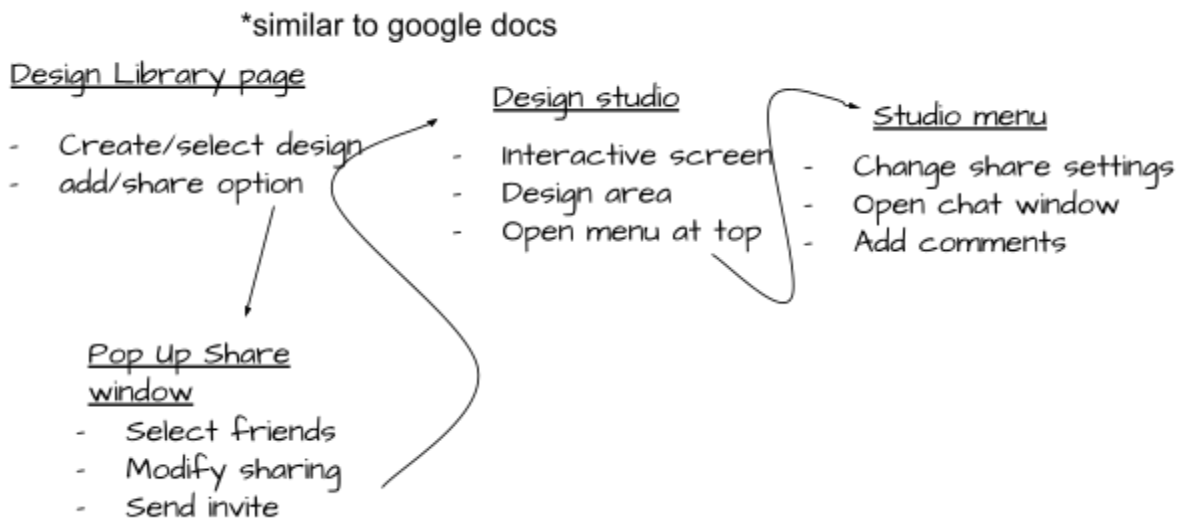
- Creating a Collaborative Design: Users can start a new nail art design or select an existing one to collaborate on. They'll have the option to invite a collaborator by email or username.
- Real-Time Editing: Once invited, collaborators can join the design in real-time. They'll be able to see each other's changes as they happen, including drawing, selecting colors, and applying nail art techniques.
- Chat and Commenting: Collaborators could communicate through a chat window or leave comments on specific elements of the design. This encourages creative discussions and feedback.
- Version History: The app could maintain a version history of the design, allowing users to roll back to previous iterations if needed.
- Privacy and Control: Users will have control over who can edit their designs, and they can choose to make designs public or keep them private.

Rabbit Holes

While our appetite is focused on delivering a basic collaborative nail art feature within one development cycle, there are potential rabbit holes that we need to be aware of:

- Performance and Synchronization: Ensuring smooth and real-time synchronization of changes made by multiple users can be complex and may require significant optimization.
- User Permissions: Implementing a robust system for controlling access to designs and defining user roles (e.g., owner, collaborator, viewer) could add complexity.
- Mobile and Platform Compatibility: Ensuring the feature works seamlessly across various mobile devices and platforms (iOS, Android) may require additional development effort.
- Scalability: As user adoption grows, we may need to consider how the system scales to accommodate a larger user base.
- Security: Protecting user data and ensuring that collaborative features are secure from potential misuse or abuse is paramount.

Breadboard:



Fat Marker Sketches:

