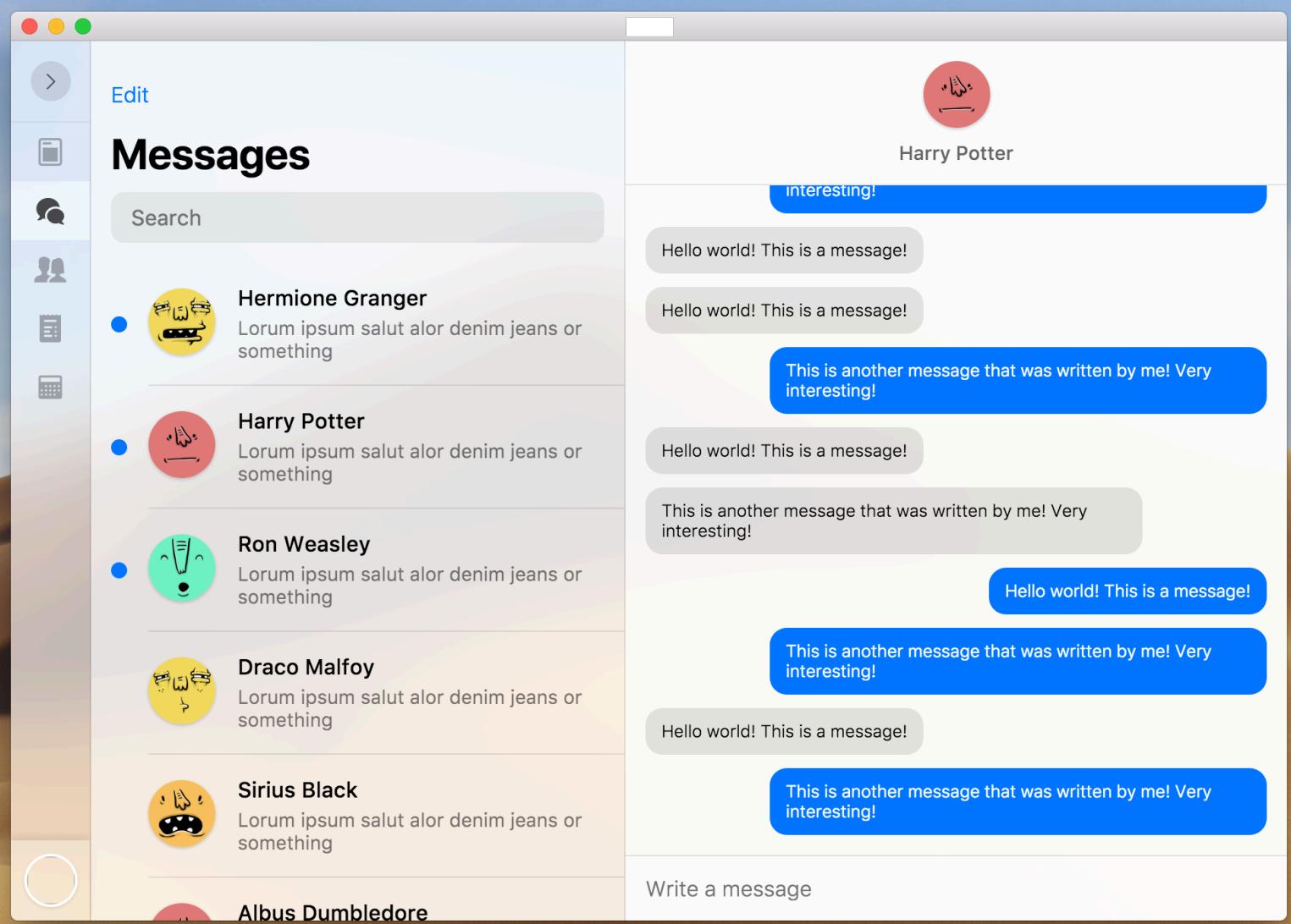


# User Interface Engineering

*This document features selected examples of past work. Unless specified, all images shown in this document are screenshots from functioning projects.*



**Messages interface.** This application uses Electron and Vue, which lets us write desktop applications in JavaScript. Because macOS was the primary target for release, I made an effort to recreate the UX of its native Messages app. This page is responsive and behaves in a "master-detail" fashion, similar to the iOS Messages app, when the window size is reduced.



Account  
You are here.



About Me  
Remaining



My Profile  
Remaining



Billing  
Remaining

## Account Details

### Email address

A valid email address is required in the event that you need to recover your account.

@ sam@clique.app

Email is valid.

🔒 ·······

Password is valid.

🔒 ·······

Passwords match.

🔑 VDoJGGhgx1BDRjlqWuol

Valid code. Thanks for participating in our testing phase!

### Alpha access code

We are currently in a private testing phase. Please provide the code you were given.

**Onboarding screen.** Built with React. The form is broken up into different sections using the [flexbox](#) CSS layout. As later images will show, this form is responsive to different screen sizes. We also provide human-readable text for input validation, placing an emphasis on accessibility.

SAMUEL ROTH



About Me

Remaining



My Profile

Remaining

## Password Suggestion

We recommend using a password manager.

[Learn more ↗](#)

JyzX-cp1S-&P18-\_DCD

[Copy Password](#)

[Suggest Another](#)

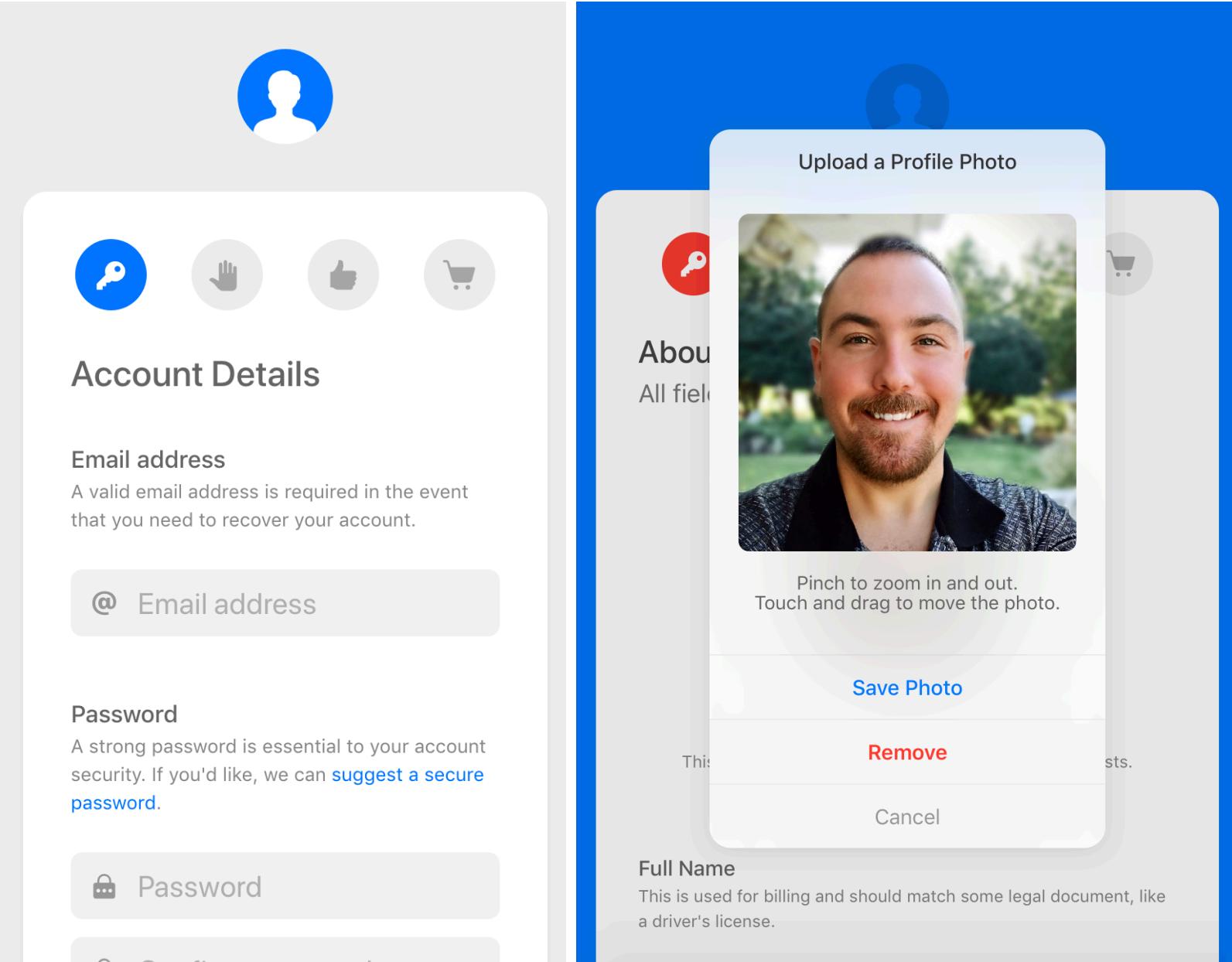
[Cancel](#)



Alpha access code

**Password suggestion modal UI.** This screenshot was taken while using a browser that does not support the [background-filter](#) CSS property. For browsers that *do* support the property (e.g. Safari), the white modal background has a decreased alpha component and a [blur](#) CSS backdrop filter to resemble native iOS alerts.

## SAMUEL ROTH



**Mobile onboarding screen (left).** This screen features the same onboarding page shown above. On mobile devices, the labels for each onboarding section are removed. The icons for each section convey the state of the form; blue represents the current page. The icon will have a green background when the section is completed successfully, and a red background when there is an error in one of the input fields.

**Mobile profile photo selection modal (right).** This is built using the *same* component as the Password Suggestion modal shown above. The instructive text below the image corresponds to the type of device you are using (i.e. 'pinch', 'touch', 'drag' on mobile, 'click', 'pan', 'scroll' on desktop). Additionally, because Safari on iOS supports the `backdrop-filter` property, we see that effect here.

# Clique



**Progressive web application screens.** Lots of different visual elements here. This is the same code as the desktop version, but I wanted to recreate the look of a native mobile app when the site is installed as a PWA.

(Unfortunately, iOS Safari doesn't support the Web Push API, but I do rely on that for web and Android platforms.)