

PROJECT & PORTFOLIO II (MDV228)

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NC Covid

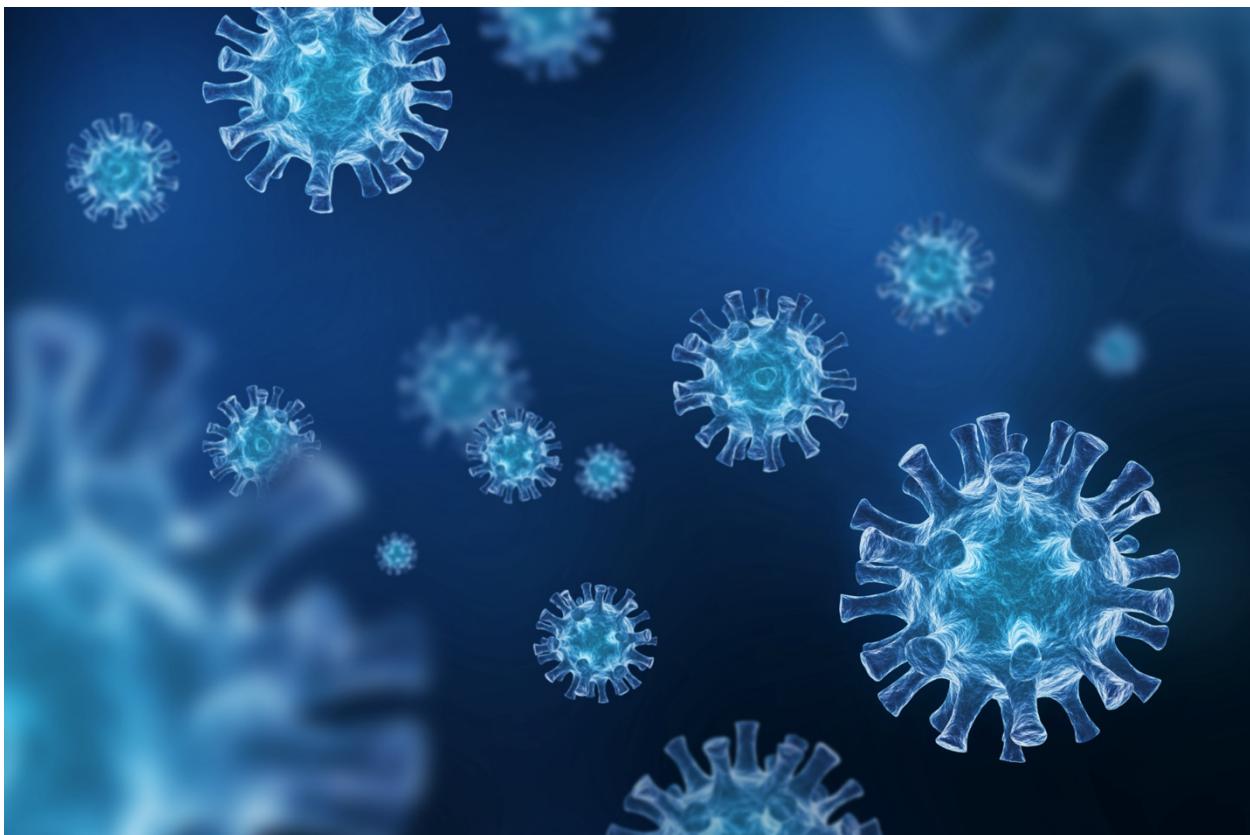


Figure 1. Cronenberger.J.(2021) Coronavirus COVID-19 - Arrière-plan devirus flottant - Virologie et Microbiologie 3D. Retrieved from Coronavirus COVID-19 - Arrière-plan de virus flottant - Virologie et Microbiologie 3D

Introduction

I am making this app because Covid has been a big concern for the public. With this app users will be able to keep track of Covid data in their area or a place they may visit.

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Mobile App Description

The app will give the user access to Covid data for their state, North Carolina. They will be able to see how many cases there are in their state, number of vaccinated people, how many ICU beds are being used and deaths. The user will be able to add states to their favorites list that they visit the most or to track while traveling. The colors I will use are green, blue, and white.

Competitor #1

There is an app called Covid Alert NY. The app gives data on all the counties in NY regarding, those that test positive and total persons tested. There is also a link to take you to a website with more information and data. You as the user can log your own health and Covid symptoms, get Covid alerts of high exposure areas and information on how to stay safe.

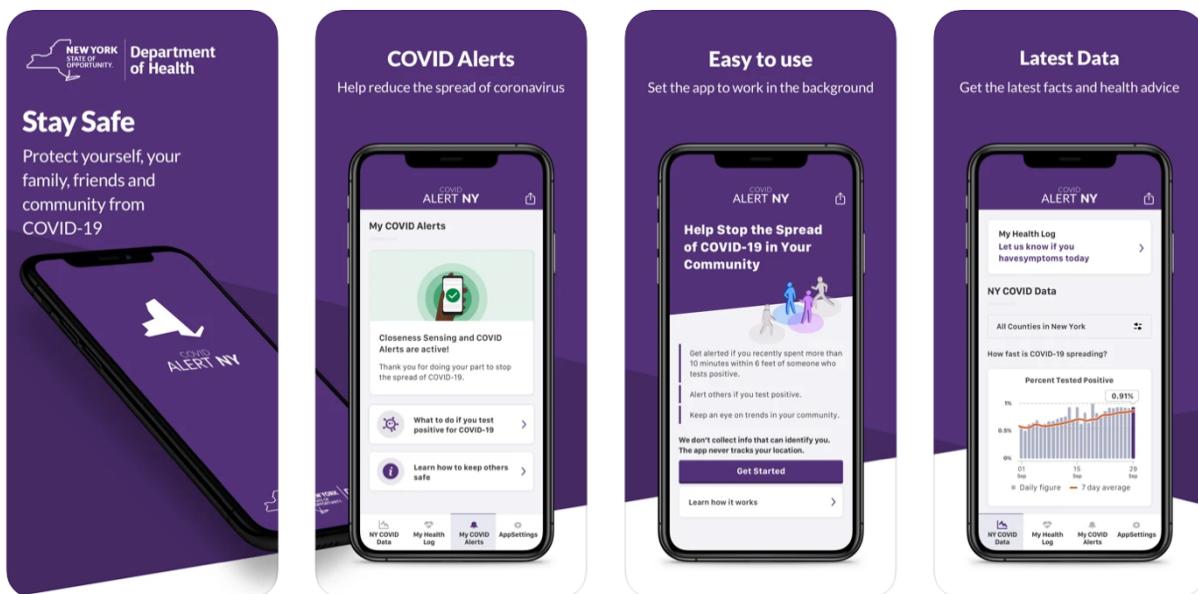


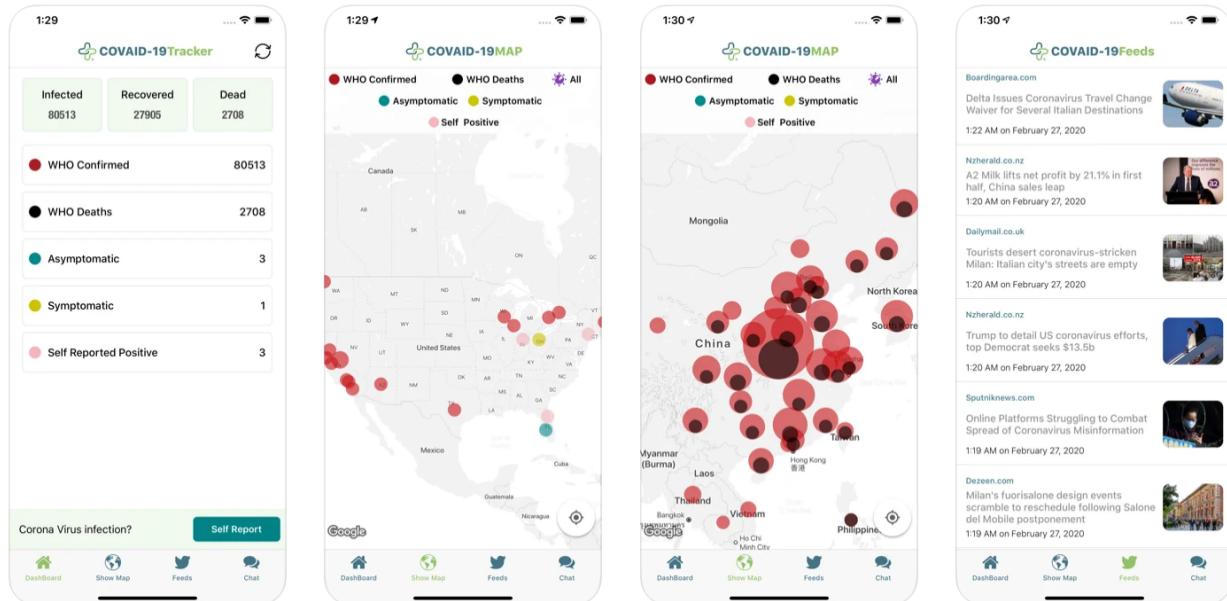
Figure2. NewYorkDepartmentofHealth.(2020).
CovidAlertNY.<https://apps.apple.com/us/app/covid-alert-ny/id1524123298>

Competitor #2

Another App is Covid-19 Tracker. The user can see those who were infected, recovered and the number of deaths in the US and globally. You can also get information on who was symptomatic. Another page on the app shows a map of confirmed cases, though it is hard to read. The user can get news information regarding covid and there is an option to make comments and chat. The colors used is easy on the eyes and the app is mostly white with a pop of color in the logo.



Figure3. HealthLynkedCorp.(2020).HealthLynkkedCovid-19Tracker.<https://apps.apple.com/us/app/healthlynked-covid-19-tracker/id1500575377>



User Stories

- I want to be able to get information on the number of deaths and number of vaccinated in my area.
- I want to know what testing sites are close to me in case I get sick.
- I want easy access to what's going on in the news regarding Covid.
- I want there to be an option to log in so I can have my state's information set as my homepage.
- I want to be able to save/delete my favorite locations.
- I want to be able to log out of the app.
- I want to be able to easily navigate through the app.

API Information

The app will access data from the Covid ActNow API. The data it will pull down is the number of cases, deaths, vaccinated and ICU beds for a state.

App Icon & Splash Screen

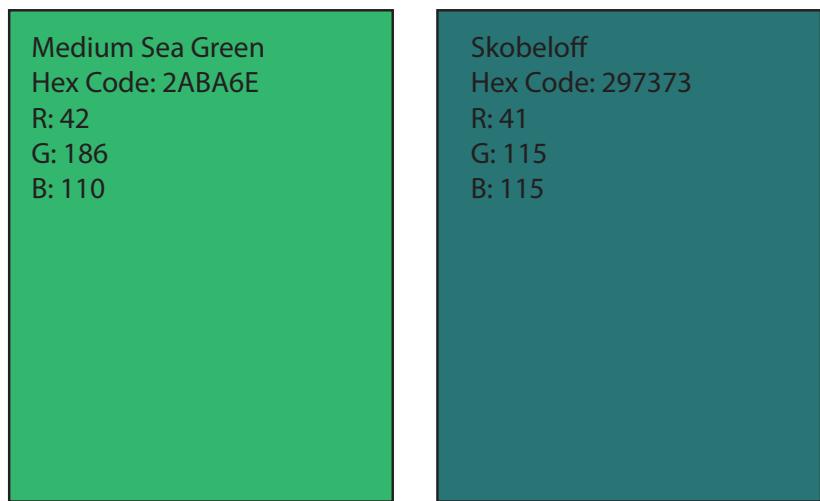
Figure 4. Garner, M. (2021). App Icon and Splash Screen. Self



Color Palette

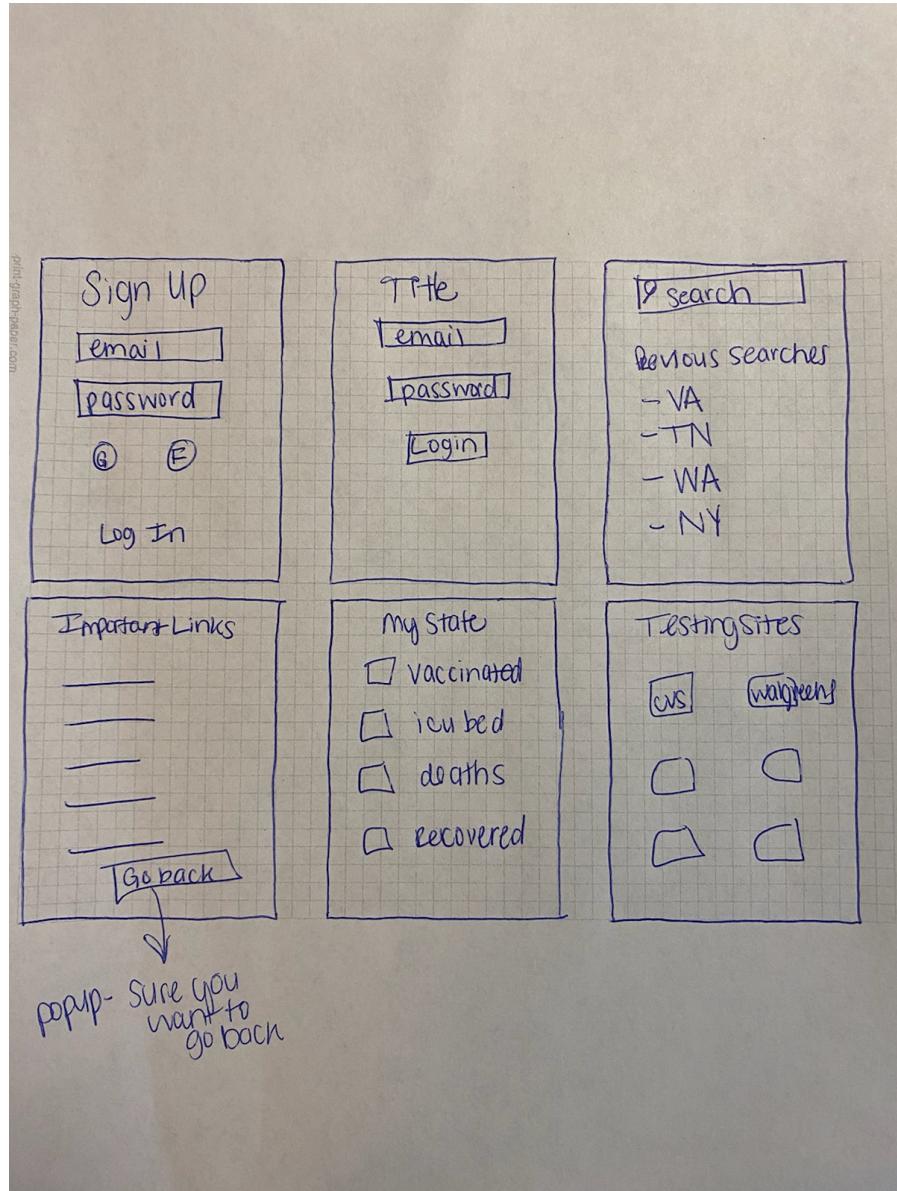
The app's color scheme will consist of mostly blues and greens with white which will include the same colors for the buttons. The buttons will be a lighter shade of Skobeloff. The background on the screens consist of a faded picture background. The icon buttons will be white to highlight and make them stand out.

Figure 4. Garner, M. (2021).
Color Palette. Self



Low-Fidelity Design

Figure 4. Garner, M. (2021). Low-Fidelity Screen. Self



Low-Fidelity Digital Design

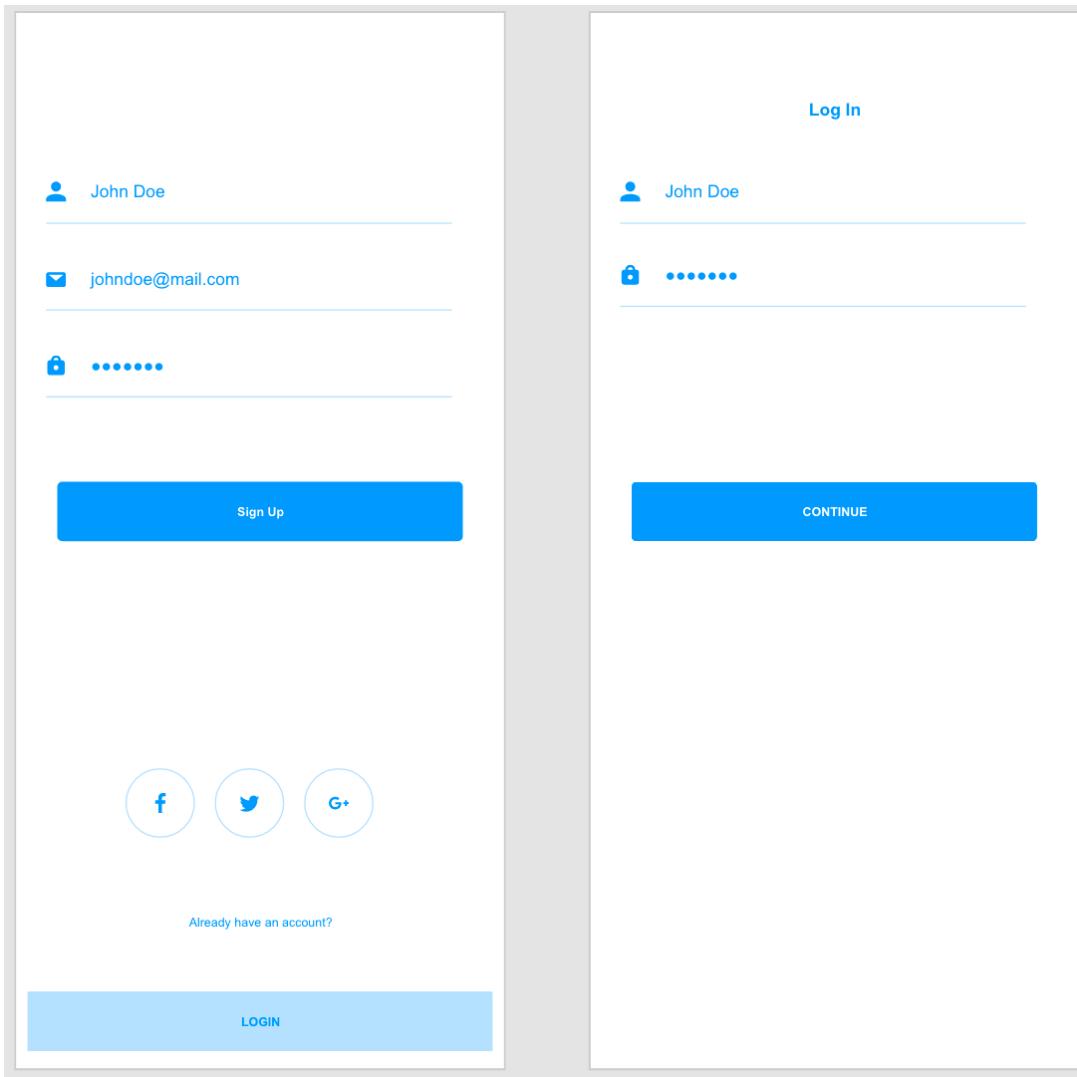


Figure 4. Garner, M. (2021). Digital Low-Fidelity Screen. Self

Low-Fidelity Digital Design

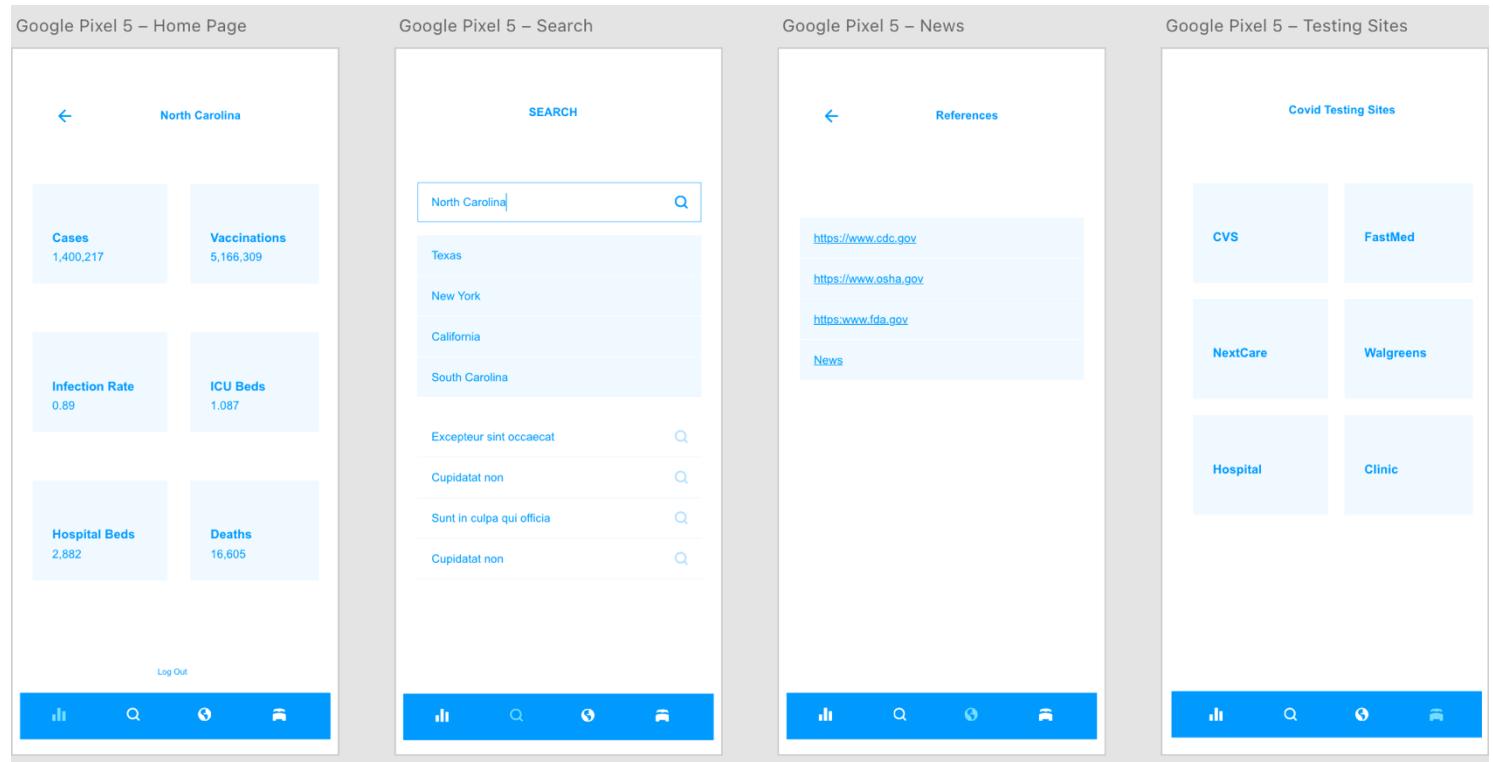


Figure 4. Garner, M. (2021). Digital Low-Fidelity Screen. Self.

Link:

<https://xd.adobe.com/view/fab1c0d5-7dcb-4f6d-a7a8-22bac8dc27b0-afe2/?fullscreen&hints=off>

High-Fidelity Digital Design

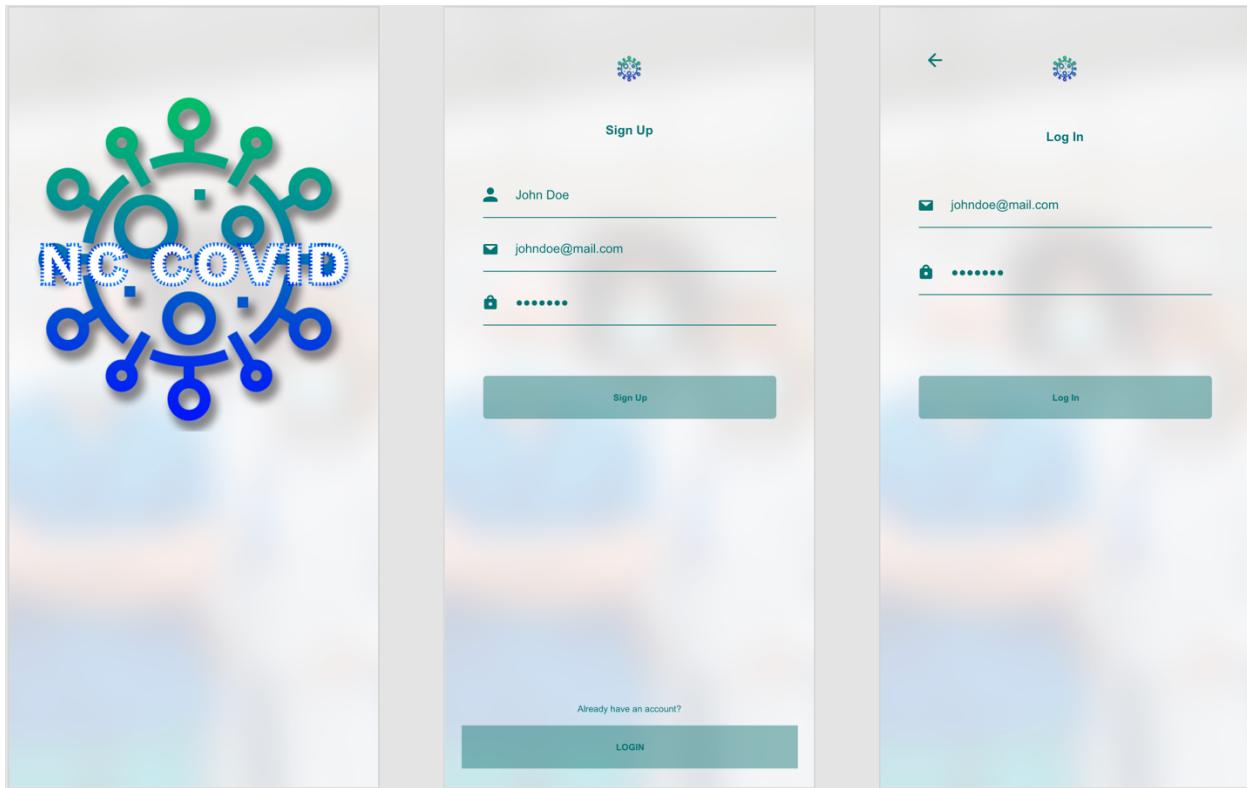


Figure 5. Garner, M. (2021). Digital High-Fidelity Sign In/Sign Up Screen. Self.

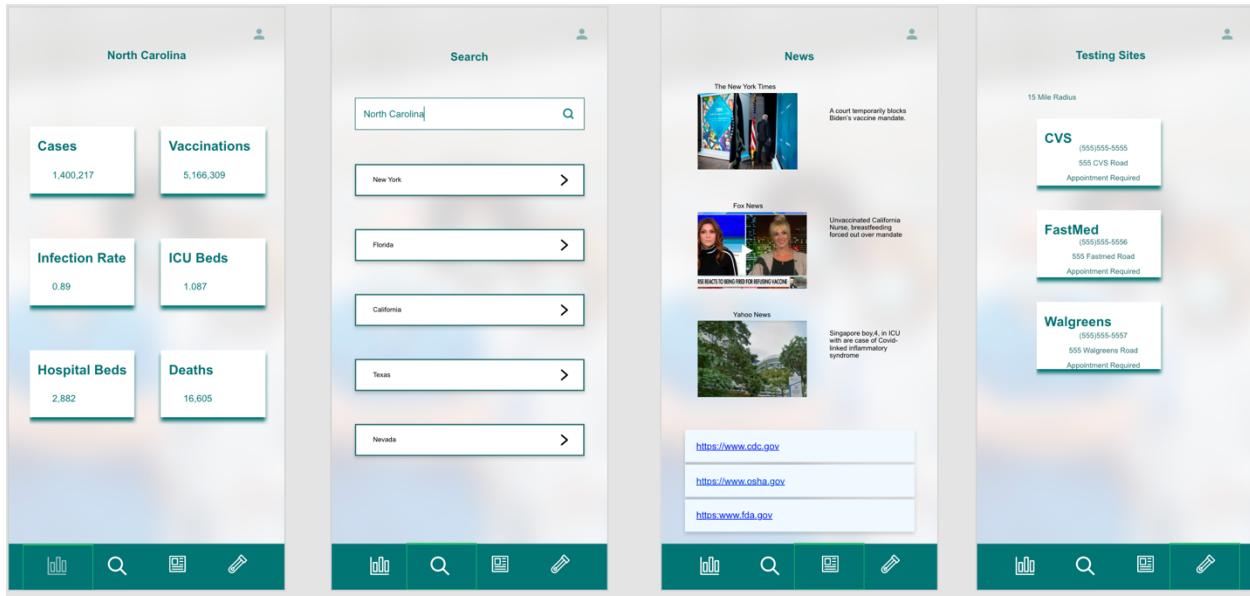


Figure 6. Garner, M. (2021). Digital High-Fidelity Screens. Self

High-Fidelity Digital Design

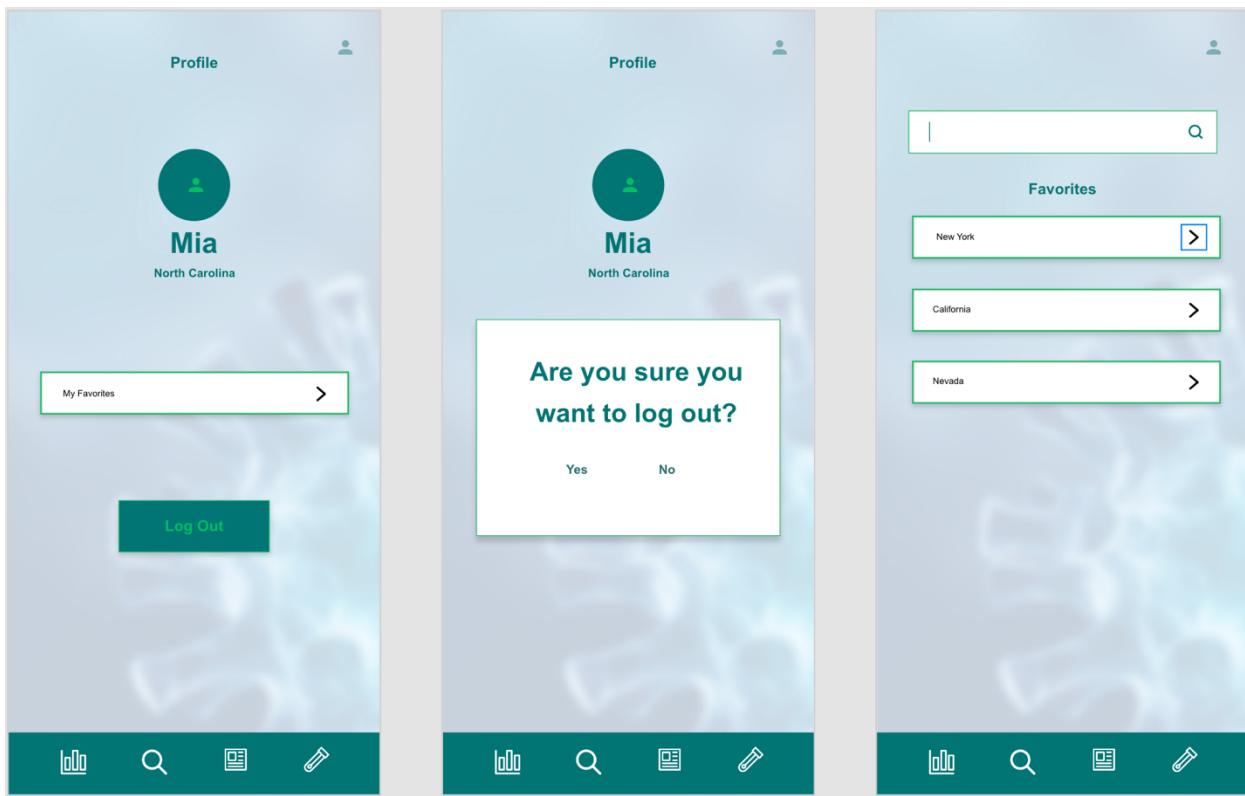


Figure 7. Garner, M. (2021). Digital High-Fidelity Profile Screens. Self

High-Fidelity Digital Design

Figure 8. Garner, M. (2021). Digital High-Fidelity Screens. Self

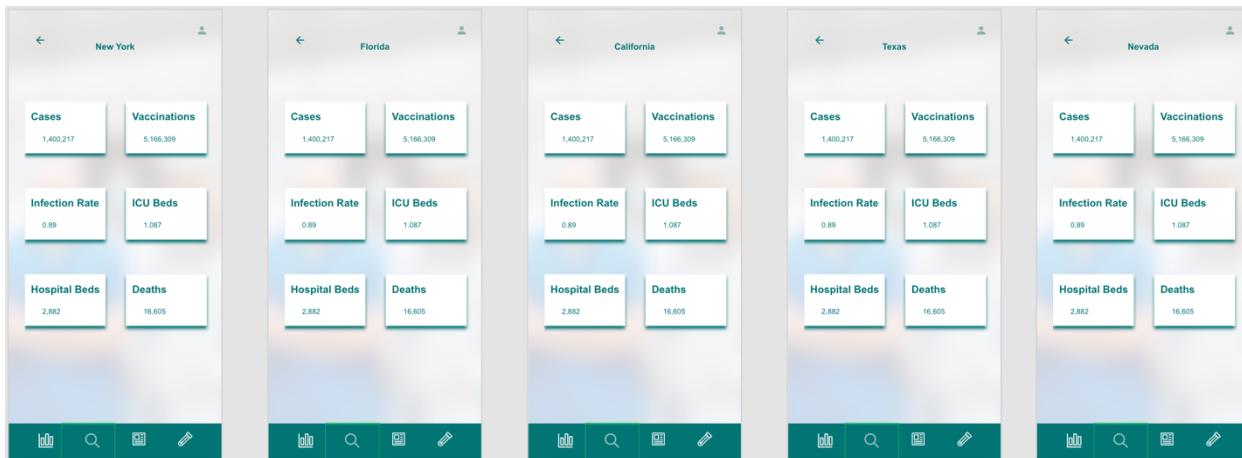


Figure 9. Garner, M. (2021). Digital High-Fidelity News Screens. Self.

The figure shows three digital news screens from different government agencies: CDC, FDA, and OSHA. Each screen has a header with a back arrow and a user profile icon. The CDC screen features a 'COVID-19 Vaccines & Children' section with a 'Learn More' button. The FDA screen displays a 'COVID-19 Vaccines' article with a 'Share' button. The OSHA screen shows a 'Coronavirus Disease (COVID-19)' section with a 'Learn about the new Vaccination and Testing Emergency Temporary Standard' link. Each screen includes a sidebar with various links and a footer with a navigation bar.

High-Fidelity Digital Design

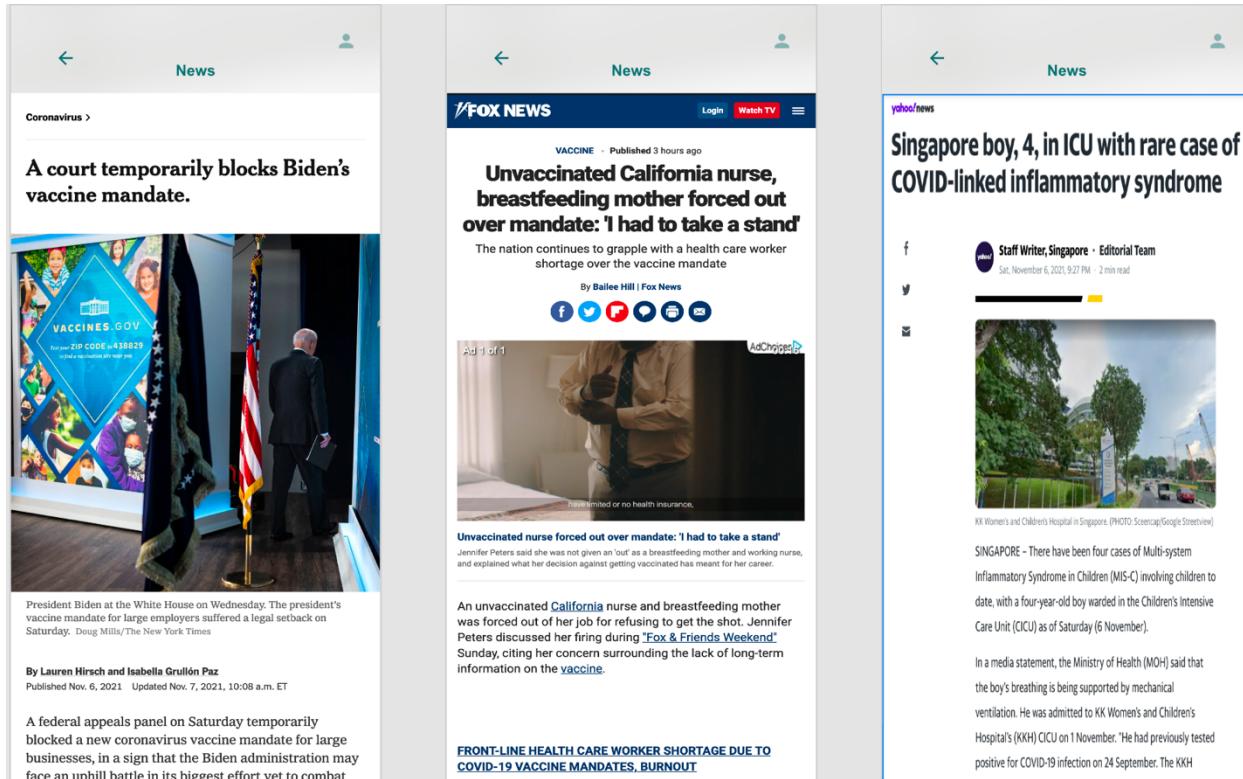


Figure 10. Garner, M. (2021). Digital High-Fidelity News Screens. Self.

Link:

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Low-Fidelity & High-Fidelity Test Data

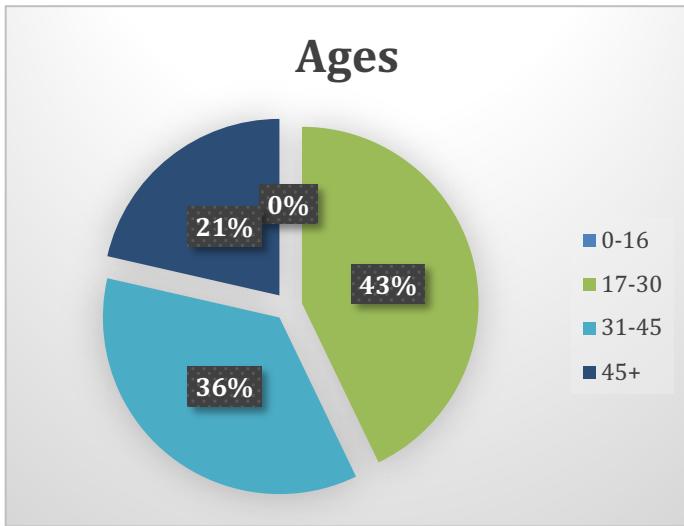


Figure 11. Garner, M. (2021). Test Data Diagram. Self.

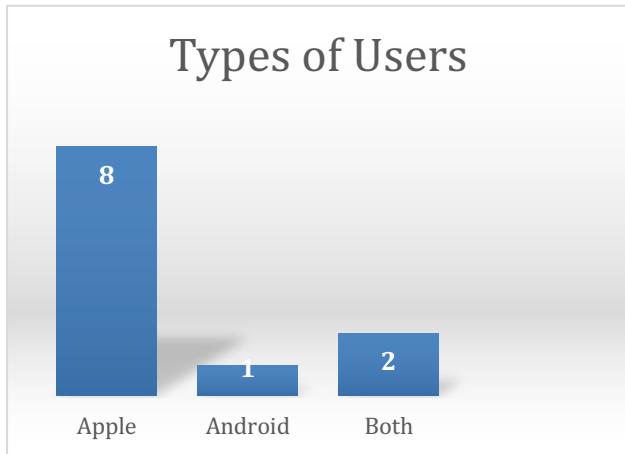
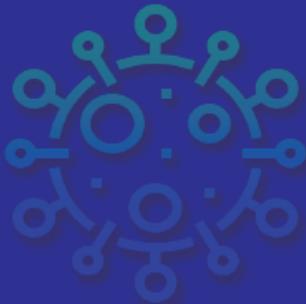


Figure 12. Garner, M. (2021). Test Data Diagram. Self.

Testing Data



Tester Info

All testers are above the age of 17.



Color

100% of tester said the logo was easy to read.



Interface

Majority of the testers stated the app was well organized but could use improvement on the icons and font size.



Navigation

4 out of 7 were able to navigate the Lo-Fi screen correctly while 2 out of 3 were able to navigate the Hi-Fi sceen correctly.



Platform

Majority of the users use an Apple device over Android.



Sign In/Sign Up

When logging in testers are equally divided between having an "Already have an Account" button and just clikcing log in.

Low-Fidelity & High-Fidelity Test Data

Low-Fidelity Test Data

Tester Info:

<https://app.usabilityhub.com/do/1cf8e7301a1f/88a3>

<https://app.usabilityhub.com/tests/1cf8e7301a1f/results/e895c7eaca17>

Color Test:

<https://app.usabilityhub.com/do/ec29f4529948/3163>

<https://app.usabilityhub.com/tests/ec29f4529948/results/c80a9463935a>

Interface Test:

<https://app.usabilityhub.com/do/526bd71a89d/726e>

<https://app.usabilityhub.com/tests/526bd71a89d/results/e8bb1ebd2d65>

Navigation Test:

<https://app.usabilityhub.com/do/d4e7fa890aee/40f7>

<https://app.usabilityhub.com/tests/d4e7fa890aee/results/796355794378>

Platform Test:

<https://app.usabilityhub.com/do/67da899b8f0f/f9ac>

<https://app.usabilityhub.com/tests/67da899b8f0f/results/486cc97003d2>

Sign Up Page:

<https://app.usabilityhub.com/do/6c21870d8336/733f>

<https://app.usabilityhub.com/tests/6c21870d8336/results/3e31ce9eeacf>

High-Fidelity Test Data

Tester Info:

<https://app.usabilityhub.com/do/77c1e4f86a42/d260>

<https://app.usabilityhub.com/tests/77c1e4f86a42/results/91ae3bdb08ad>

Color Test:

<https://app.usabilityhub.com/do/9aee3b43b763/fd3e>

<https://app.usabilityhub.com/tests/9aee3b43b763/results/fb4896f11204>

Interface:

<https://app.usabilityhub.com/do/6c699d4c26c2/7828>

<https://app.usabilityhub.com/tests/6c699d4c26c2/results/a9eab3d50367>

Navigation:

<https://app.usabilityhub.com/do/d6ae52309ec0/e10b>

<https://app.usabilityhub.com/tests/d6ae52309ec0/results/c747e0ffec89>

Platform:

<https://app.usabilityhub.com/do/f12552cf2508/e510>

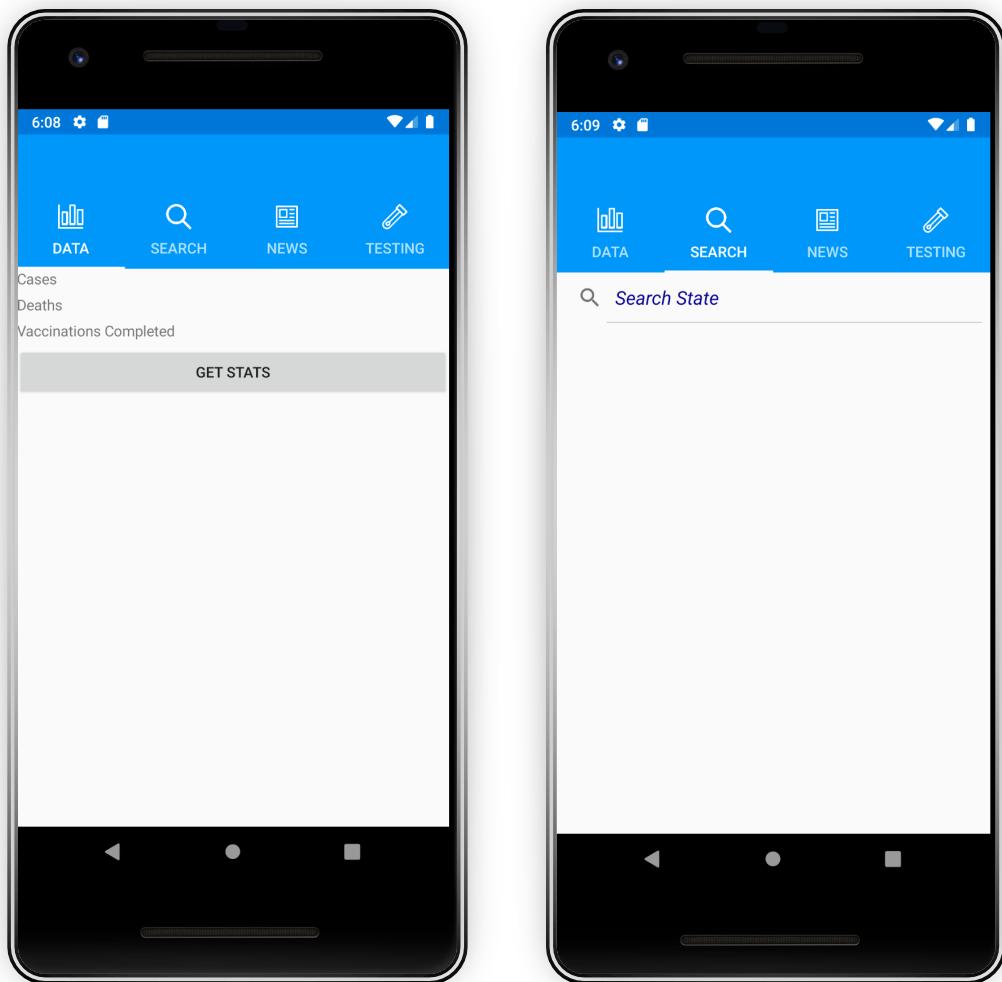
<https://app.usabilityhub.com/tests/f12552cf2508/results/8a5305b41133>

Sign Up:

<https://app.usabilityhub.com/do/a957e2fadab/f95e>

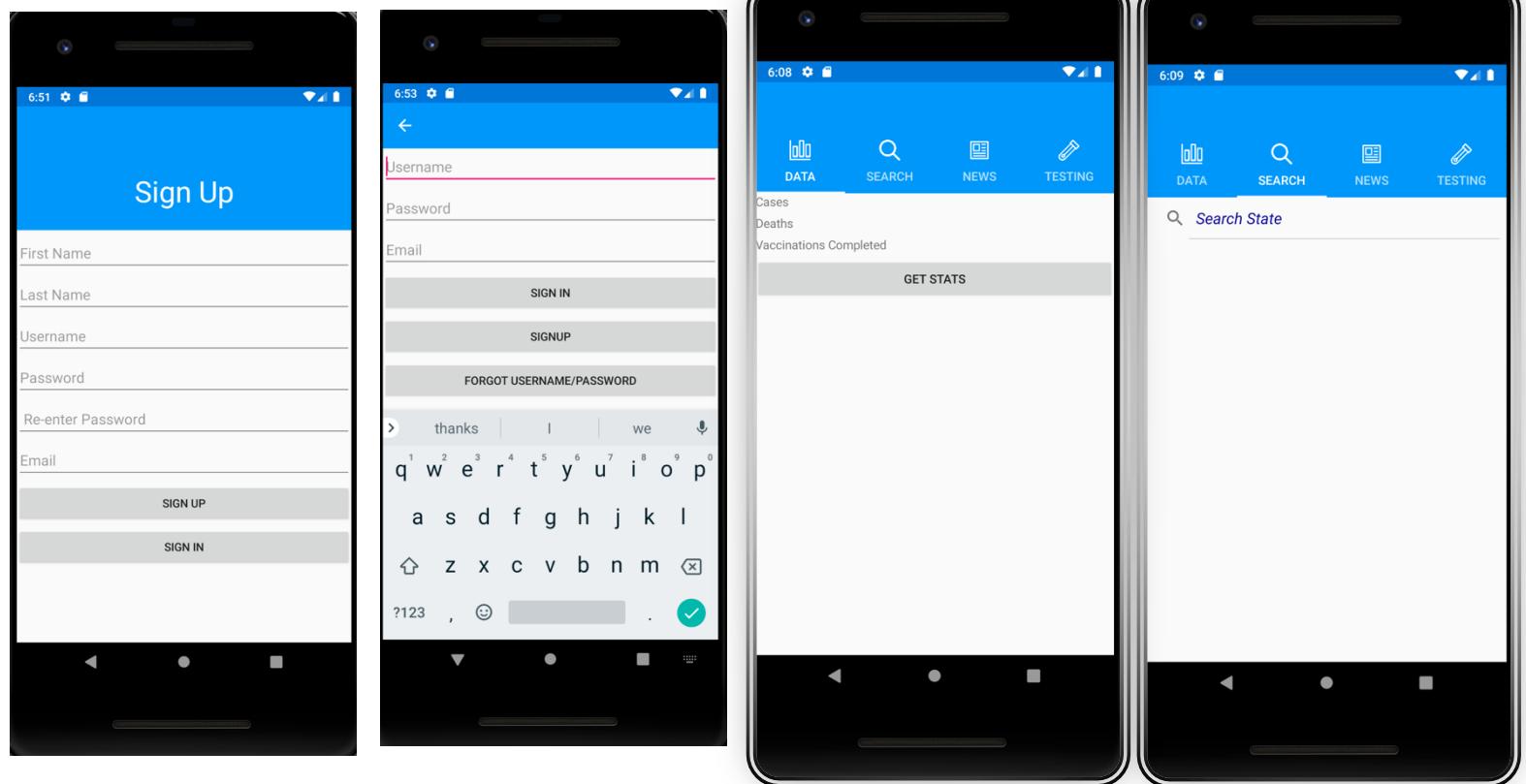
<https://app.usabilityhub.com/tests/a957e2fadab/results/1afa15f9a899>

Alpha Version



Alpha Link: <https://youtu.be/C8Vgu7AdxEc>

Beta Version



References

Images:

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<div>Icons made by <a href="https://www.flaticon.com/authors/debi-alpa-nugraha" title="Debi Alpa Nugraha">Debi Alpa Nugraha</a> from <a href="https://www.flaticon.com/" title="Flaticon">www.flaticon.com</a></div>
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<https://www.nytimes.com/2021/11/06/world/americas/biden-osha-vaccine-mandate-blocked.html>

<https://news.yahoo.com/singapore-boy-icu-rare-inflammatory-syndrome-covid-misc-012751909.html>

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References

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References

Figure 1. Cronenberger.J.(2021) Coronavirus COVID-19 - Arrière-plan
devirus flottant - Virologie et Microbiologie 3D. Retrieved from Coronavirus
COVID-19 - Arrière-plan de virus flottant - Virologie et Microbiologie 3D

Figure2. NewYorkDepartmentofHealth.(2020).
CovidAlertNY.<https://apps.apple.com/us/app/covid-alert-ny/id1524123298>

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High Fidelity Link:

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