

## FP3 – Design Sketches

### Ideation:

#### Ideas come up with:

- Side banner for local covid case tracking should have different tabs for the different scopes (one for state/Boston/NEU)
- Keep log with dates for previous covid tests for the user so they can keep track of how often they have been tested
- Logging in should require username and password, but can be saved for quick access. Maybe use 2A system
- When using the Daily Wellness check, answers must stay in similar “yes/no” format and must be submitted if any of the answers are “yes” to having Covid like symptoms or being near someone who was confirmed positive
- If checking the previous Covid Test, users need to be able to log in current tests and view previous results, along with saving all data given.
- If checking overall Covid influence on different demographics, users need to be able to quickly switch between models and check the statistics with ease
- Logging in should use single sign on interfacing with NEU
- Daily wellness check should display the question at top with large distinct buttons for yes and no below that are color (yes being green and no being red). Additionally should probably have some sort of transition so that button is not mashed
- Side banner accessed through hamburger button in top left. Pressing it gives buttons to go to pages for different scopes of covid data ordered top to bottom Northeastern - Boston - Massachusetts
- Covid test result reporting is the home page. The home page has buttons to go to either reporting a new test or checking previous test results
- Banner displays atop the screen with notifications for if the student has possible contact with a positive test. \*This is a secondary reporting feature as an email/text will also be sent

### Reflection:

Had some initial difficulty with determining the scope of the problem that we were addressing in ideation but once we got that nailed down process went well.

### Usage Scenarios:

#### Daily Wellness Check:

- An automatic Pop up form with the Daily Wellness Test appears
- Question 1 is presented to User
- User presses “yes” or “no” button to question 1

- Question 2 is presented to User
- User presses “yes” or “no” to question 2
- User will confirm submission of answers
- If a “yes” was selected, another pop up telling User to avoid school and present medical advice

#### Reporting a Covid Test:

- When on the home page, User presses “Report New Covid Test”, located at top half of home page
- User will enter a date taken fill box and a date results received fill box
- User will press radio button for either “positive” or “negative”
- User will hit submit “Test Submission”
- User will be prompted with confirmation page to “Submit Final Answers”
- If test was positive, pop up telling User to avoid school and present medical advice
- If test was positive, report test to system or administration and have warning sent to other classmates/ professors

#### Viewing the Covid Influence:

- User uses finger to “swipe” left, revealing a new page Northeastern covid influence statistics (and possible map)
- User presses “Boston” button to change to Boston Covid Influence stats / map
- User presses “Massachusetts” button to change to Massachusetts Covid Influence stats
- User presses “Northeastern” button to change back to Northeastern Covid Influence
- User uses finger to “swipe” right to exit page

## Low-fidelity prototypes

## Daily Wellness Check

Daily Wellness Check

Question 1 Text goes here

No  
\*Colored Green in Actual\*

Yes

Daily Wellness Check

Question 2 Text goes here

No  
\*Colored Green in Actual\*

Yes

Daily Wellness Check

Display what user selected for question 1

Display what user selected for question 2

Display text saying what these answers mean (use phrase like at risk and not at risk in different color)

Confirm

Start Over

## Covid Test Reporting

Report New Covid Test

Date Taken: *Enter Date Here*

Results Received: *Enter Date Here*

☐ Positive

☐ Negative

Submit Test Results

Report New Covid Test

Are you sure you want to submit these results?

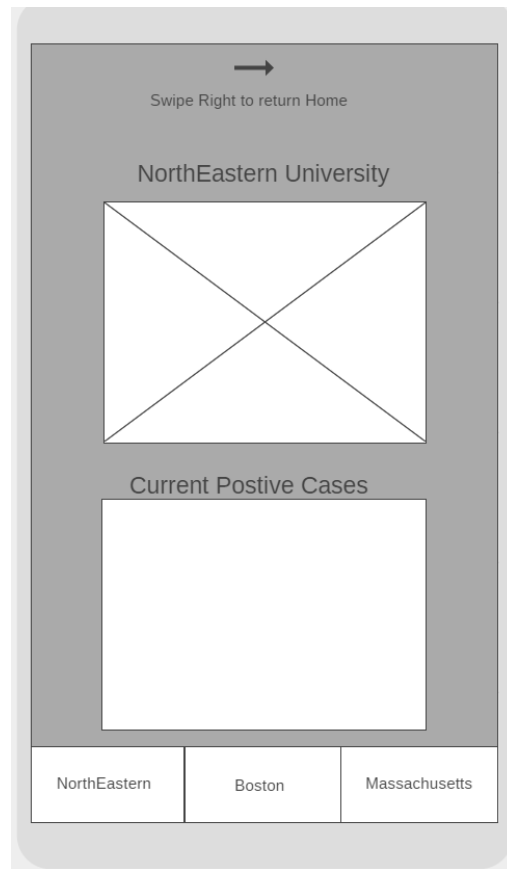
Report New Covid Test

You reported a positive test  
Please avoid in person classes and contact your doctor as soon as possible

In the meantime please take a look at these steps:

- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

## Covid Data Tracking



## Insights

The team had conflicting ideas of how to display the Covid Tracking Data as well as how that page would be laid out on the application. After some discussion we came up with a new idea for the layout that the whole team was happy with swiping the home page to the side to access the tracking page.

Otherwise the process went well and we were able to easily nail down early prototypes for our ideas.

Attempted to use Balsamiq cloud for prototypes but the website crashed while working on this so we used wireframe.cc :(