

INFO310: Human-Centered Design Process & Methods

GDP2: Group Prototypes

By: Brandin Bulicki and Harsh Sharma

Due Date: May 24th, 2020

Team 6

INFO 310-901

Professor: Adam Johs

Drexel University

Section 1: Individual Contribution Breakdown

Brandin Bulicki:

- Section 1: Low-Fidelity Prototype
 - o Amount of Contribution: 95%
 - o List of Contributions:
 - Sketched/Designed all screens within the prototype
 - Annotated all screens within the prototype
- Section 2: High-Fidelity Prototype
 - o Amount of Contribution: 95%
 - o List of Contributions:
 - Designed all screens within the prototype
 - Made minor adjustments to the prototype to account for groupmate's ideas
 - Presented the prototype during the demo session
- Section 3: Revised High-Fidelity Prototype
 - o Amount of Contribution: 95%
 - o List of Contributions:
 - Made the revisions that were mentioned as a result of the demo session.
 - Discussed credibility of critique comments with groupmates.

Harsh Sharma:

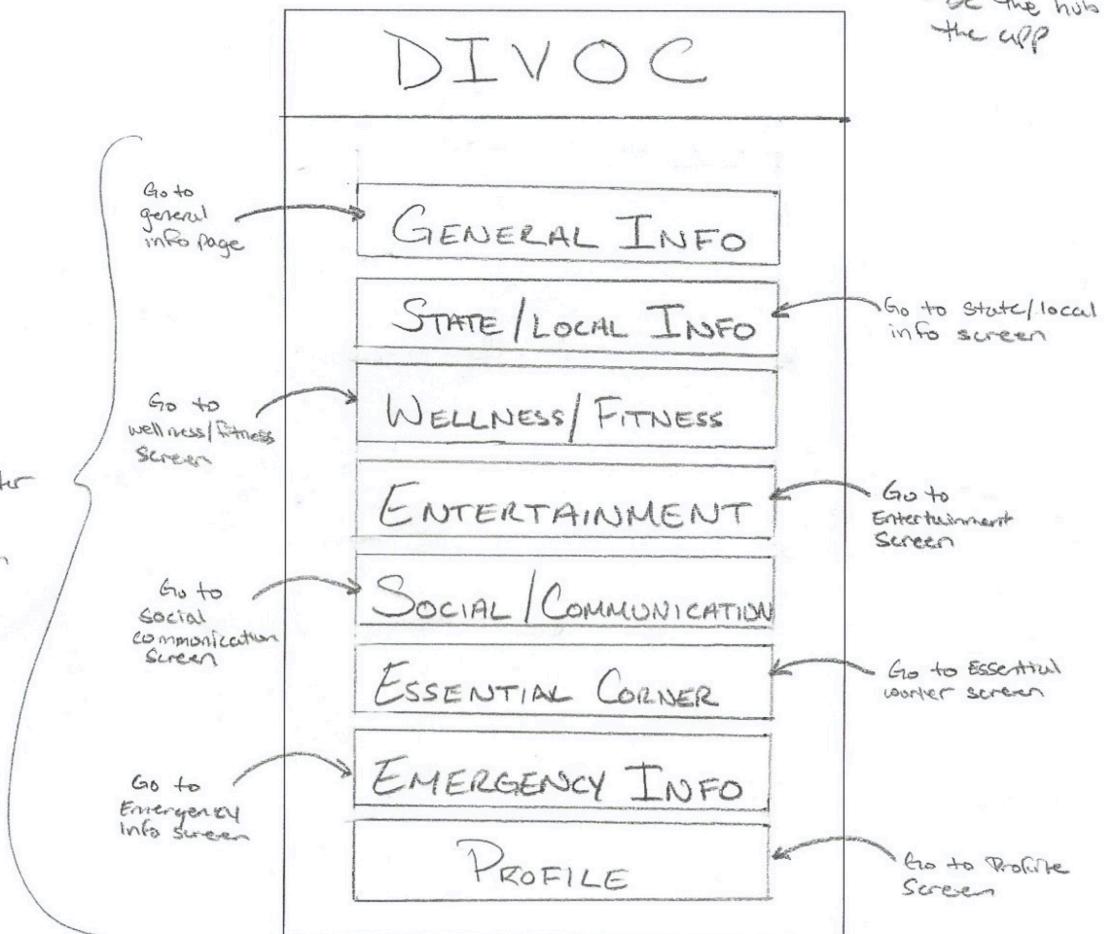
- Section 1: Low-Fidelity Prototype
 - o Amount of Contribution: 5%
 - o List of Contributions:
 - Discussed how we planned to split the designing of the low-fidelity prototype
- Section 2: High-Fidelity Prototype
 - o Amount of Contribution: 5%
 - o List of Contributions:
 - Gave input to the high-fidelity prototype created to allow for minor updates prior to presenting.
- Section 3: Revised High-Fidelity Prototype
 - o Amount of Contribution: 5%
 - o List of Contributions:
 - Discussed credibility of critique comments with groupmates.

Section 2: Low-Fidelity Prototype

In this section we include the low-fidelity prototype that was used to design the high-fidelity prototype. Included on each page are the annotations on how the screen meets the design requirements set in GDP2 and how a user would interact with the screen

MENU SCREEN

Users will use this screen to navigate to other screens. This will be the hub for navigating the app.



Provide the user with simple design flow

Go to Menu

Provide information regarding preventative measures and social distancing guidelines

Provide clutter free design

Information about coronavirus
ie. Social guidelines, protect yourself, overviews, etc.

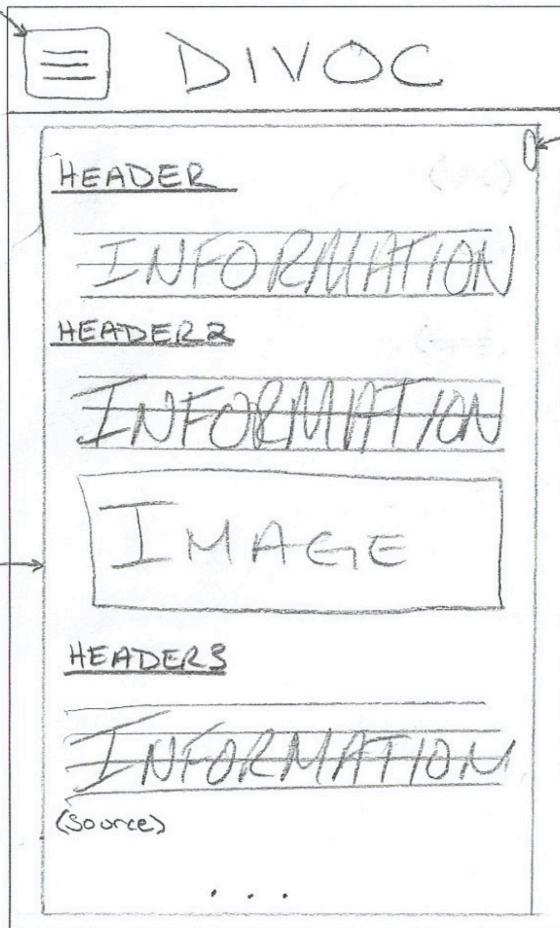
Provide up-to-date information regarding testing

Provide detailed and accurate information on the spread

Provide visual representation of statistical clusters

Provide sources to show trustworthy information

GENERAL INFO SCREEN



Users will be able to use this screen to obtain a broad/general idea of information (more detail will be on other screens)

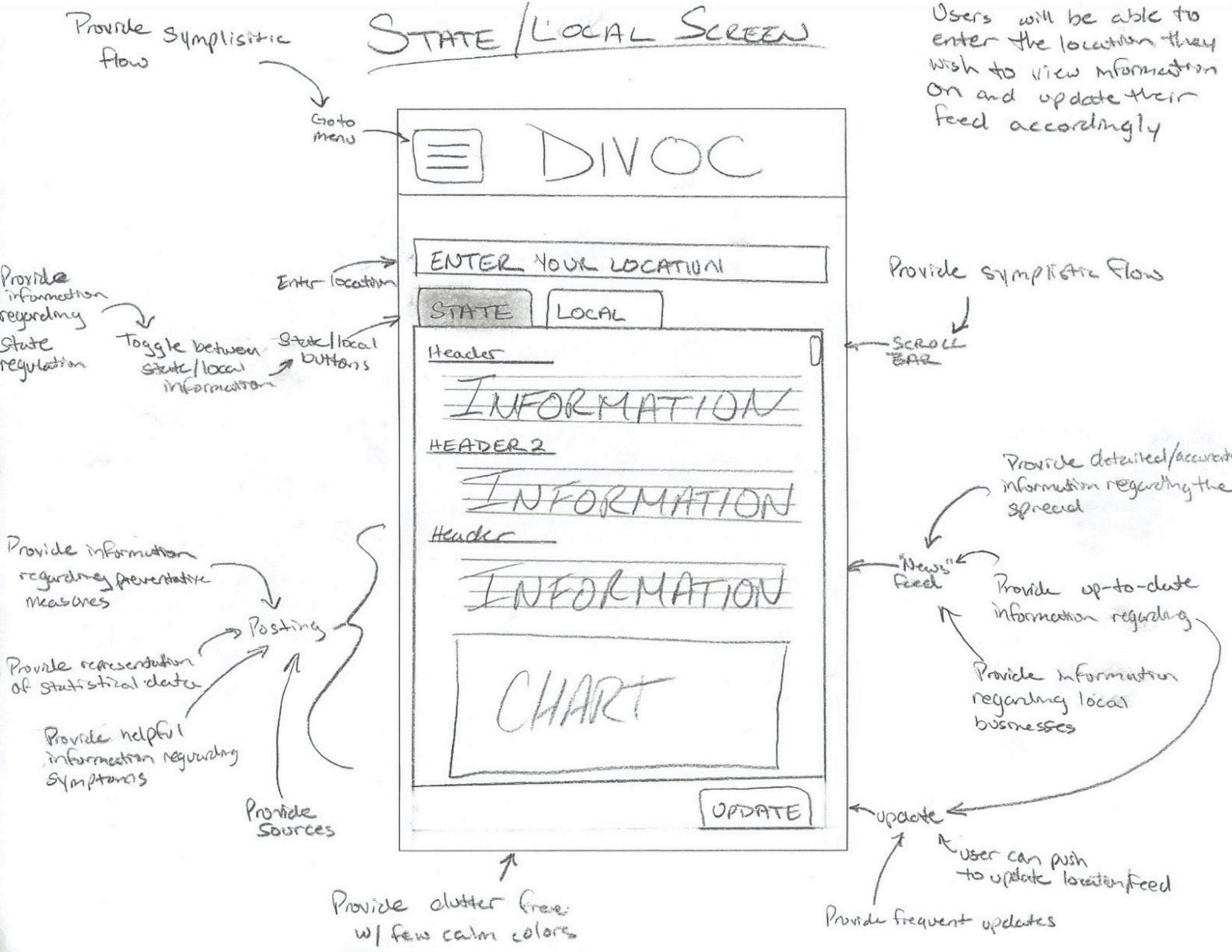
Users can scroll through the information

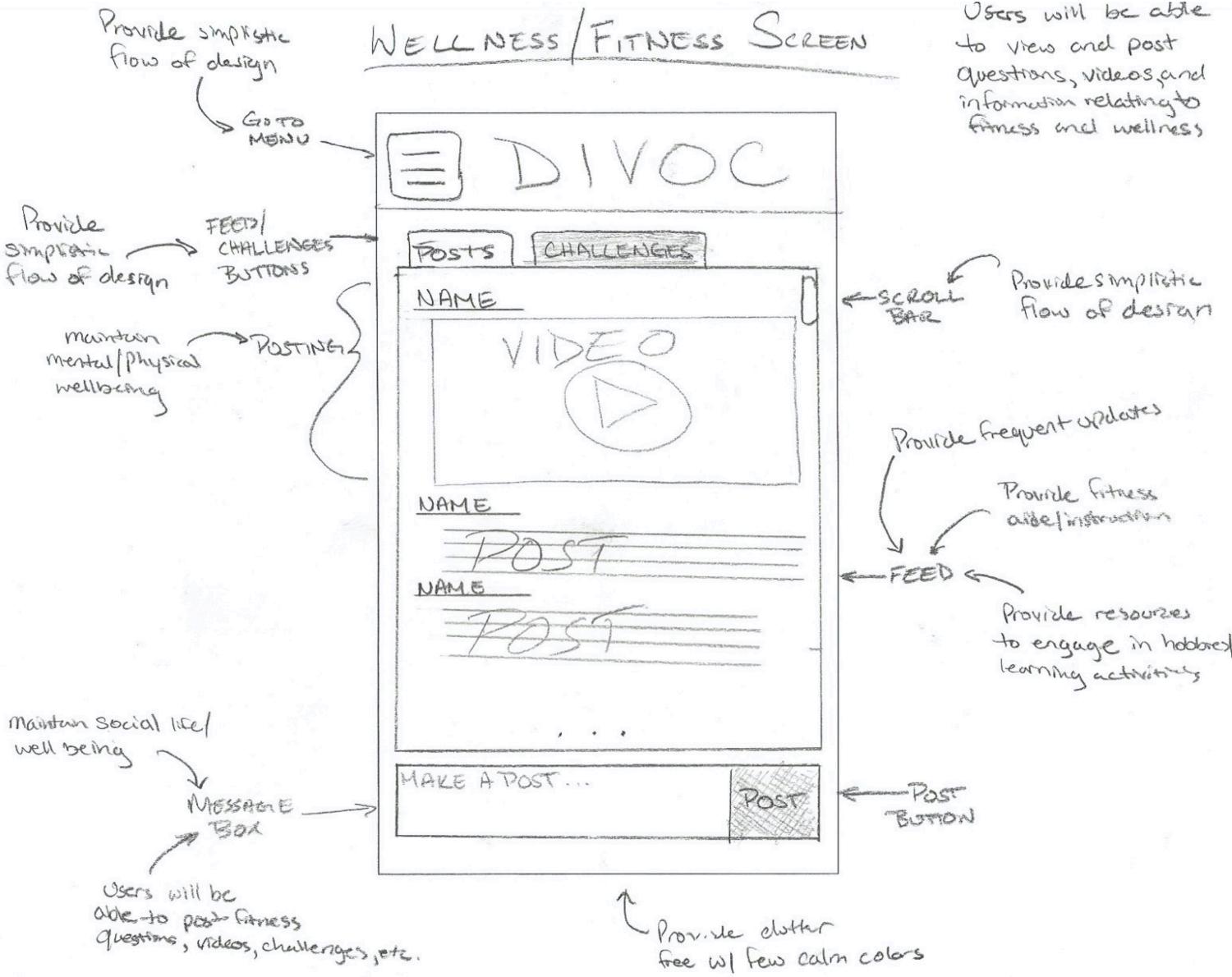
Provide success story information

Provide National/State news

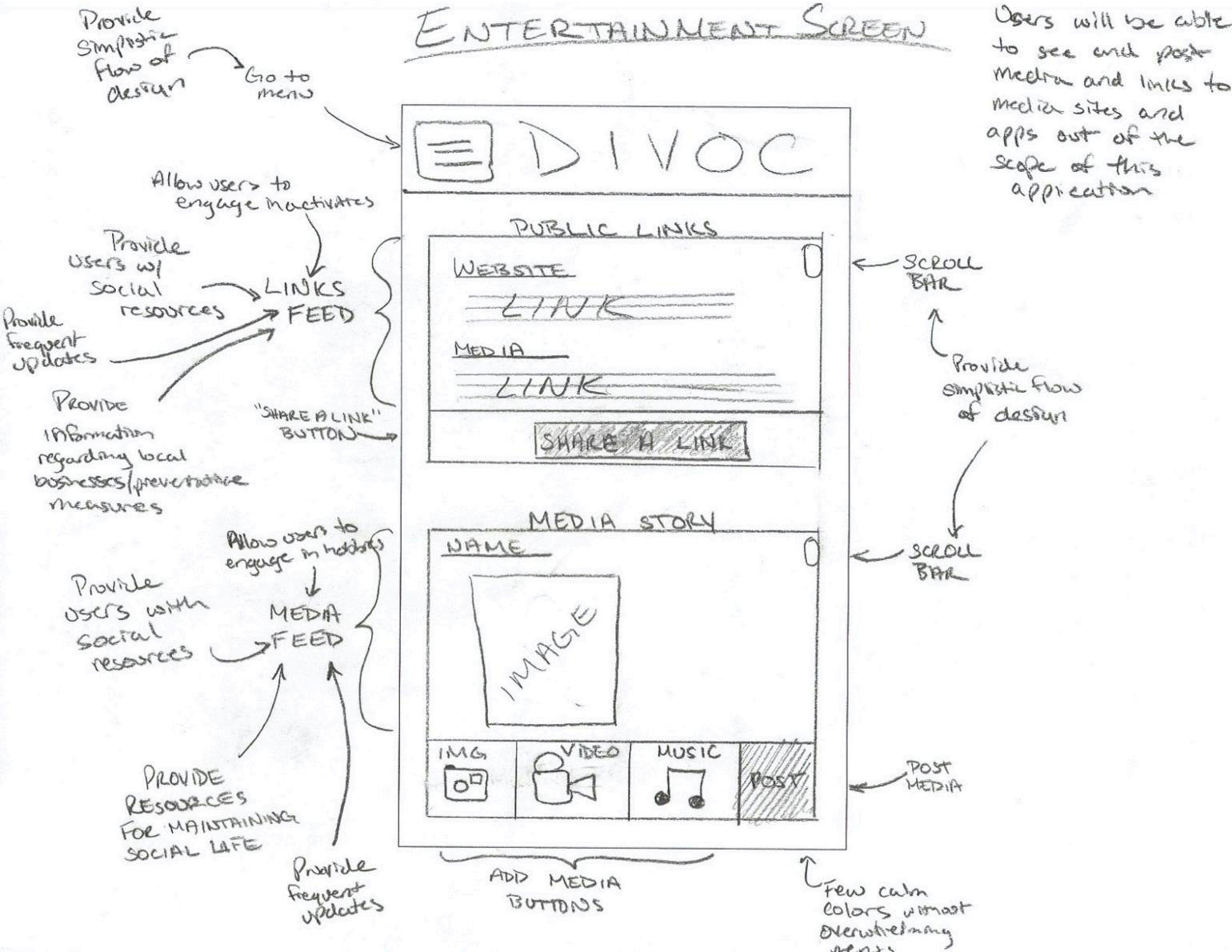
Provide helpful information and guidance regarding symptoms

STATE / LOCAL SCREEN

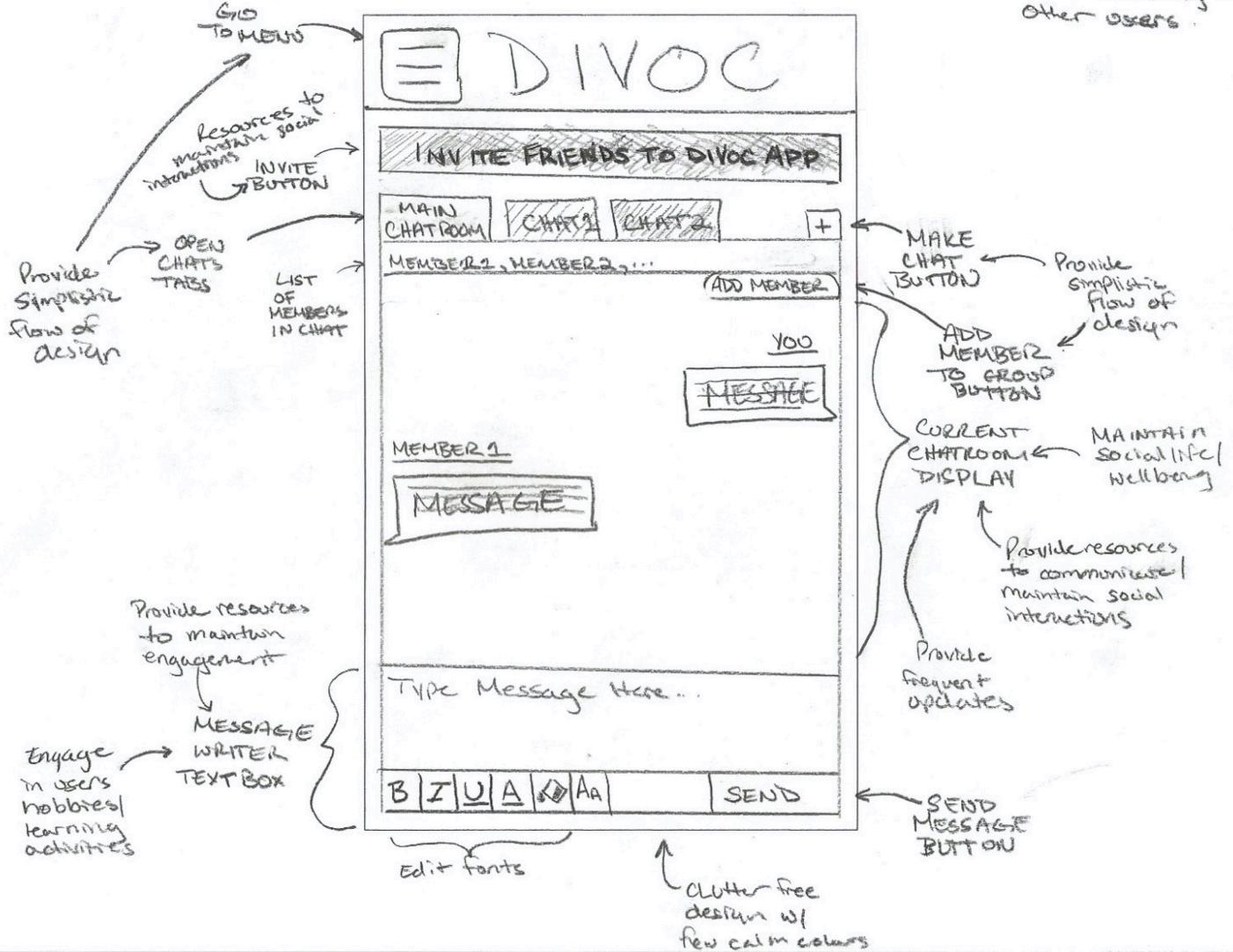




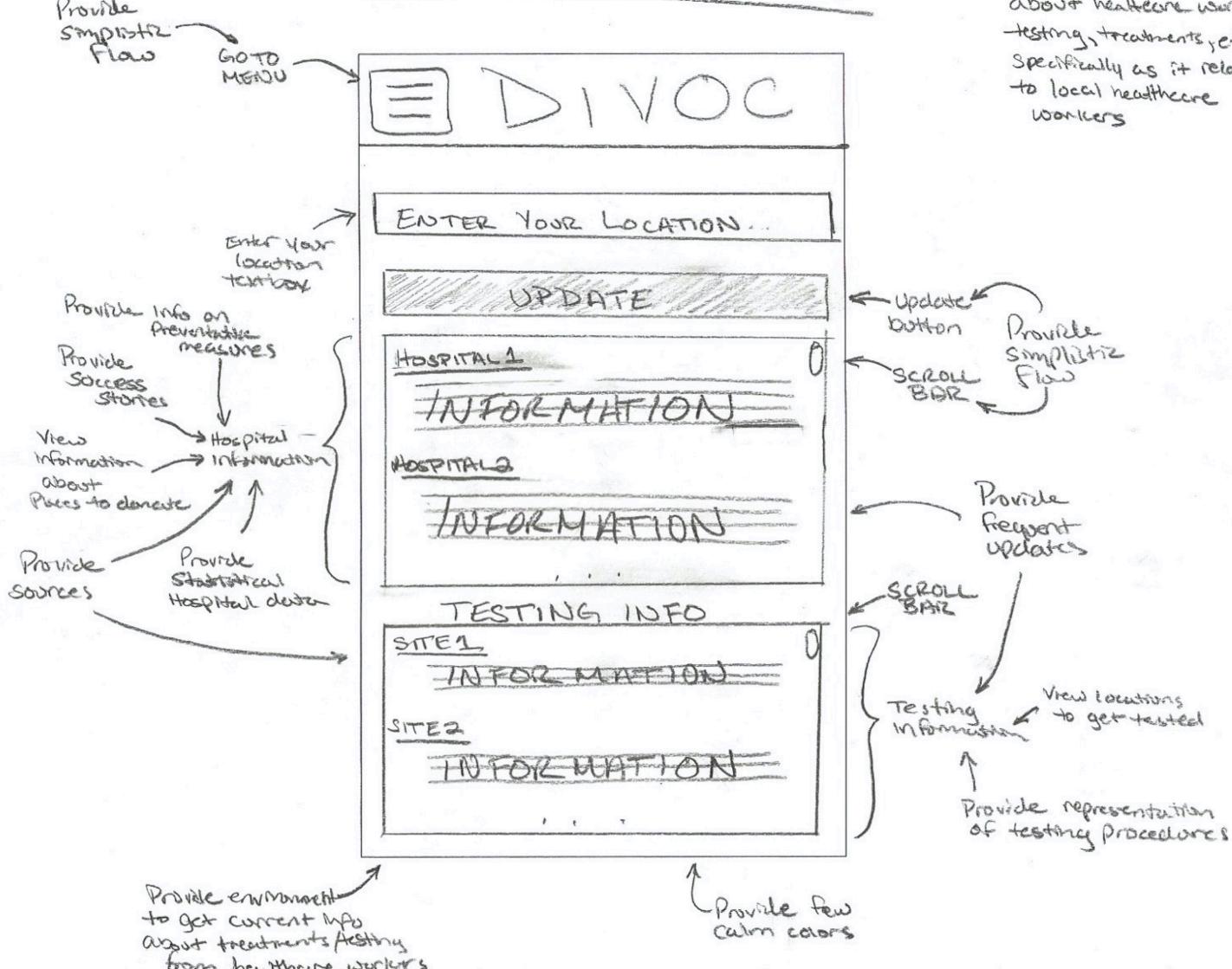
ENTERTAINMENT SCREEN



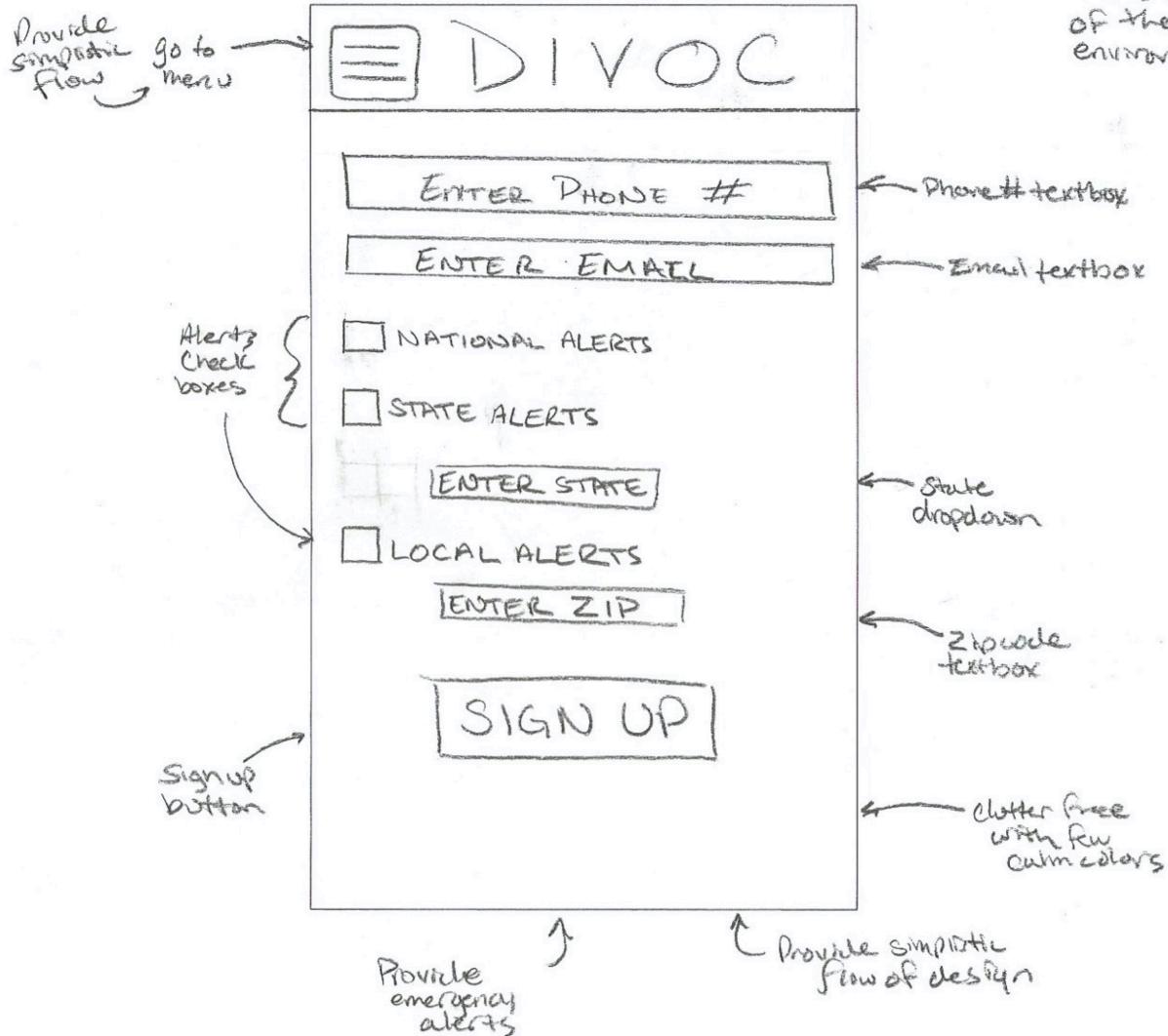
SOCIAL / COMMUNICATION Screen



ESSENTIAL SCREEN

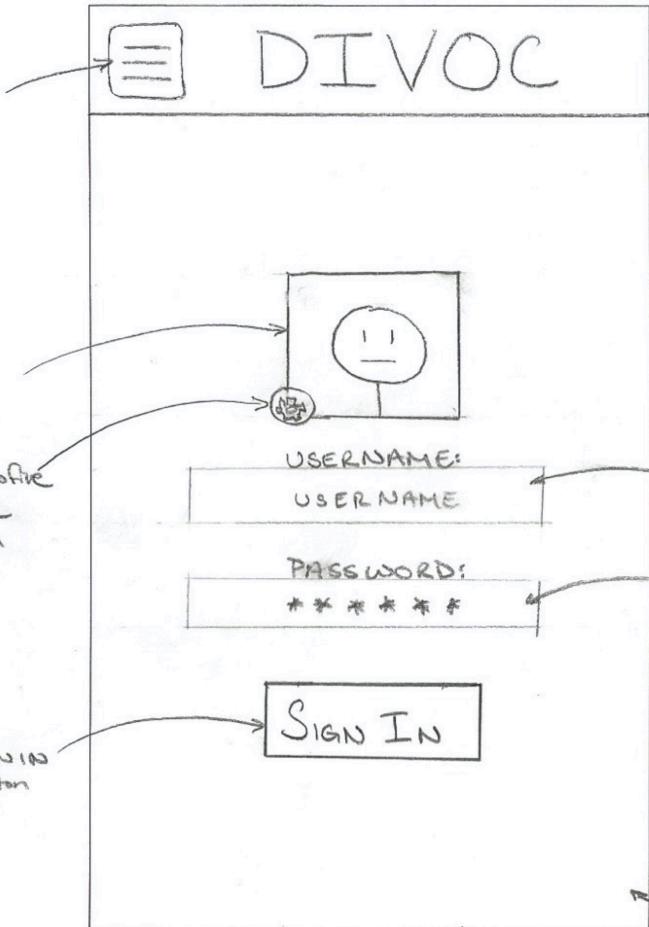


Emergency Screen



Profile Screen

Provide users with a simplistic flow of design
→ Go to Menu



Users will use this screen to log in to their profile (google account) that will allow for social interactions to take place w/in the app.

Provide customizable user profiles to allow for interactions between users

Profile Picture
Edit profile Picture button

Signing in will allow users to easily interact with people around them and take advantage of social resources

username text box
password text box

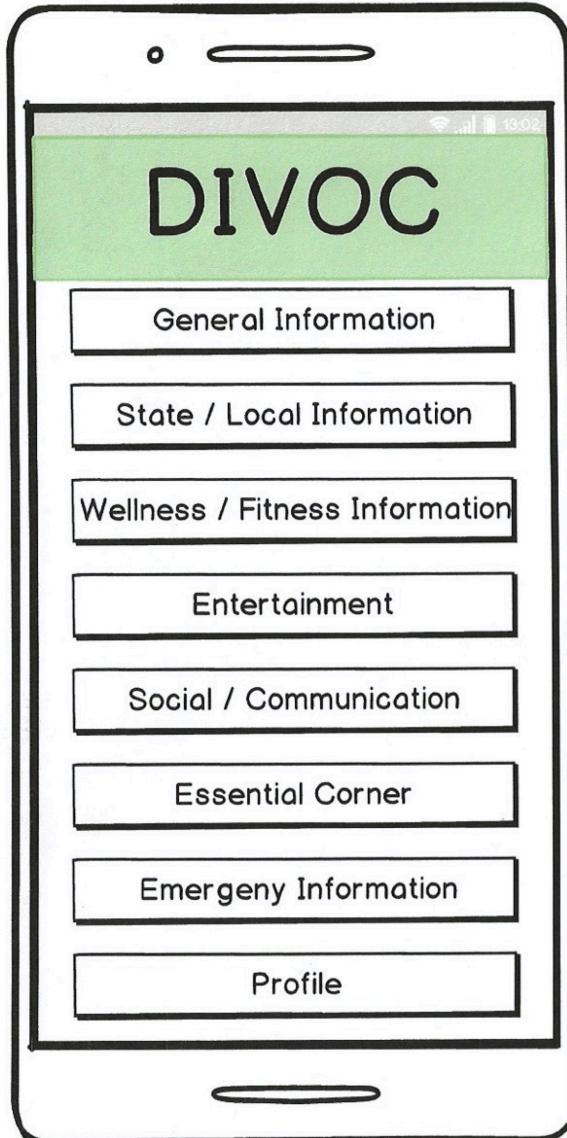
Clean/simple design ↗

Provide a clutter free design w/ few calm colors and without overwhelming menus

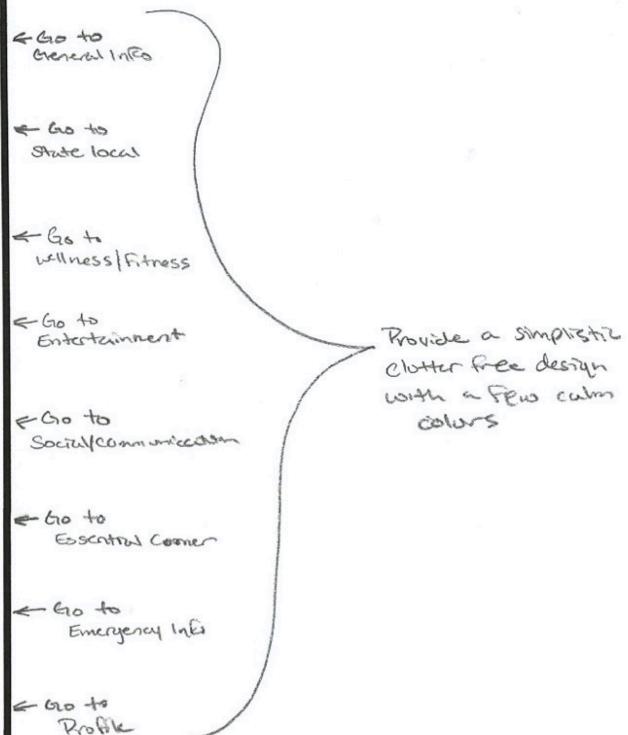
Section 3: High-fidelity Prototype

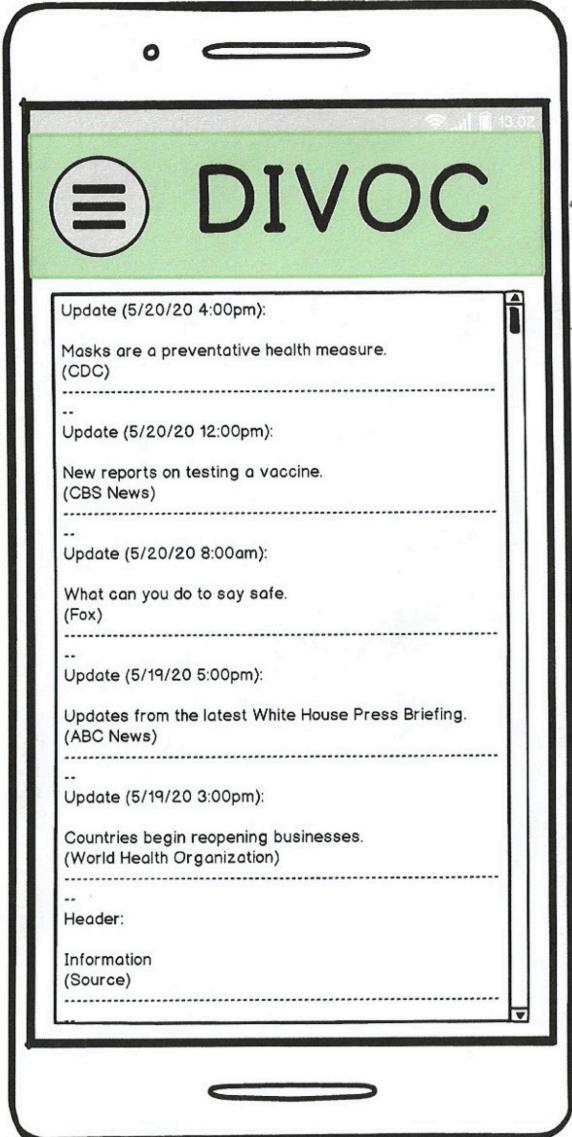
In this section we include the high-fidelity prototype presented during the demo session, held on Friday, May 22nd. Included on each page are the annotations on how the screen meets the design requirements set in GDP2 and how a user would interact with the screen.

MENU SCREEN



Users will use this screen to navigate to other screens.
This will be the hub for navigating the app.

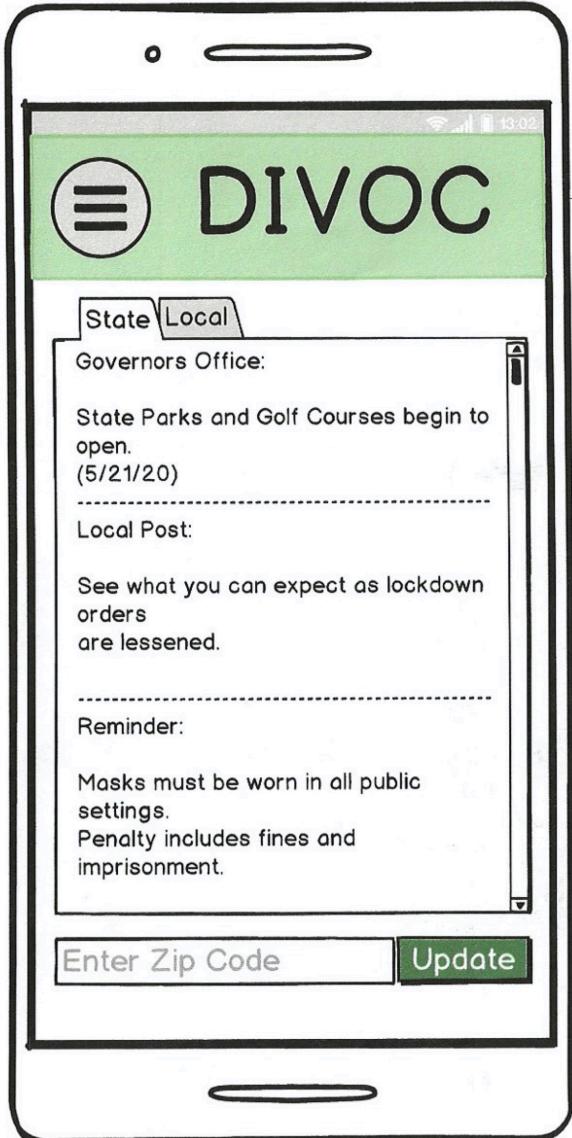




GENERAL INFO SCREEN

Users will be able to use this screen to obtain a broad/general idea of information (more detail will be on other screens)

- Provide clutter free design
→ Go to menu button
- Provide the user with simplistic design flow
- Scroll bar → users can scroll through information
- Information about coronaviruses → Provide information regarding preventative measures and social distancing guidelines
→ Provide up-to-date information regarding testing
- "News" feed → Provide detailed and accurate information on the spread
→ Provide visual representation of statistical data
→ Provide frequent updates
- Posting → Provide success story information
→ Provide National news
Provide helpful information and guidance regarding symptoms

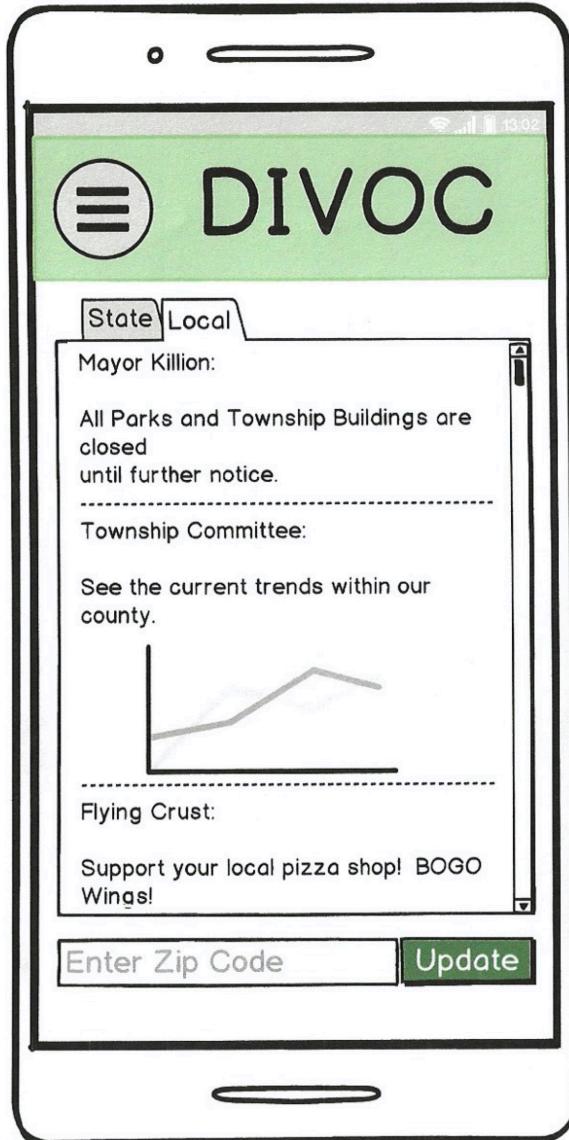


STATE / LOCAL SCREEN 1

Users will be able to enter the location they wish to view information on and update their feed accordingly.

- Provide a simplistic flow
↳ Go to menu bottom
- Provide information regarding state regulations
↳ State / local buttons ↳ Toggle between state/local information
- Provide sympathetic flow
↳ Scroll bar ↳ Provide sympathetic flow
- Provide clutter free design w/ few calm colors
↳ Provide representation of statistical data
- Provide information regarding preventive measures
↳ Postings ↳ Provide information regarding symptoms
↳ Provide sources
- Provide detailed accurate information regarding spread
↳ "News" Feed ↳ Provide up-to-date information
↳ Provide information regarding local businesses
- User can update location/ feed
↳ Update ↳ Provide frequent updates
↳ Provide up to date information
- Enter location

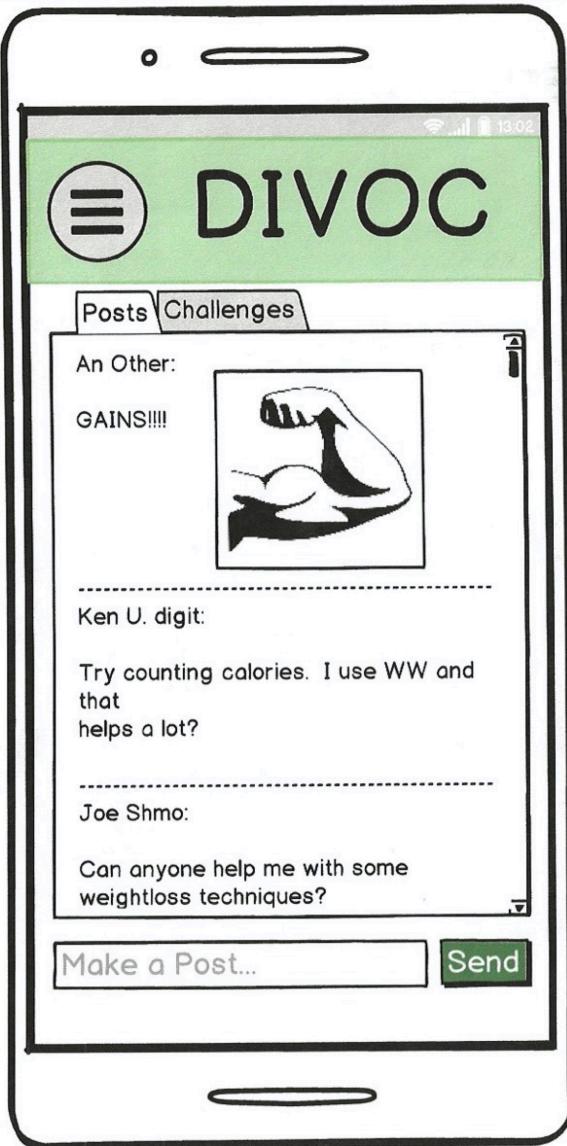
STATE/LOCAL SCREEN 2



See Page 1 for Annotations

WELLNESS / FITNESS SCREEN 1

Users will be able to view and post questions, videos, and information relating to fitness and wellness



Provide simplistic flow of design

← Go to menu
button

Posts/challenges buttons ← Toggle between Posts/challenges ← Provide simplistic flow of design

Scroll bar ← Provide simplistic design flow

Posting → maintain mental/physical wellbeing

Provide frequent updates

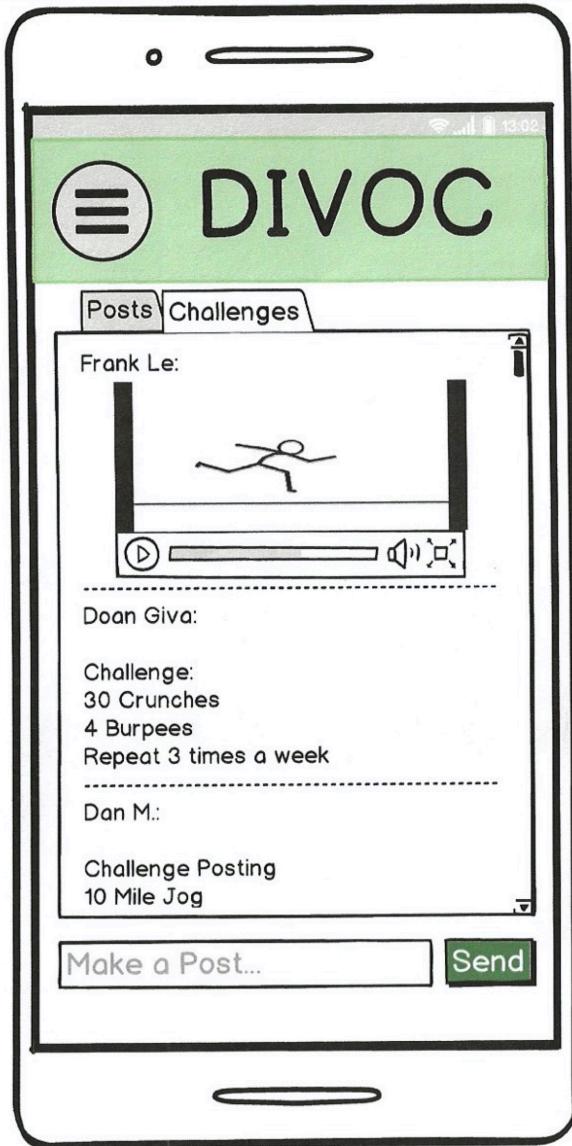
Feed ← Provide fitness advice/instruction ← Provide resources to engage in hobbies/learning activities

Post Button ← Maintain social life/well-being
Message Box ← Users will be able to post fitness questions, videos, challenges, etc.

Provide clutter free design w/ few calm colors

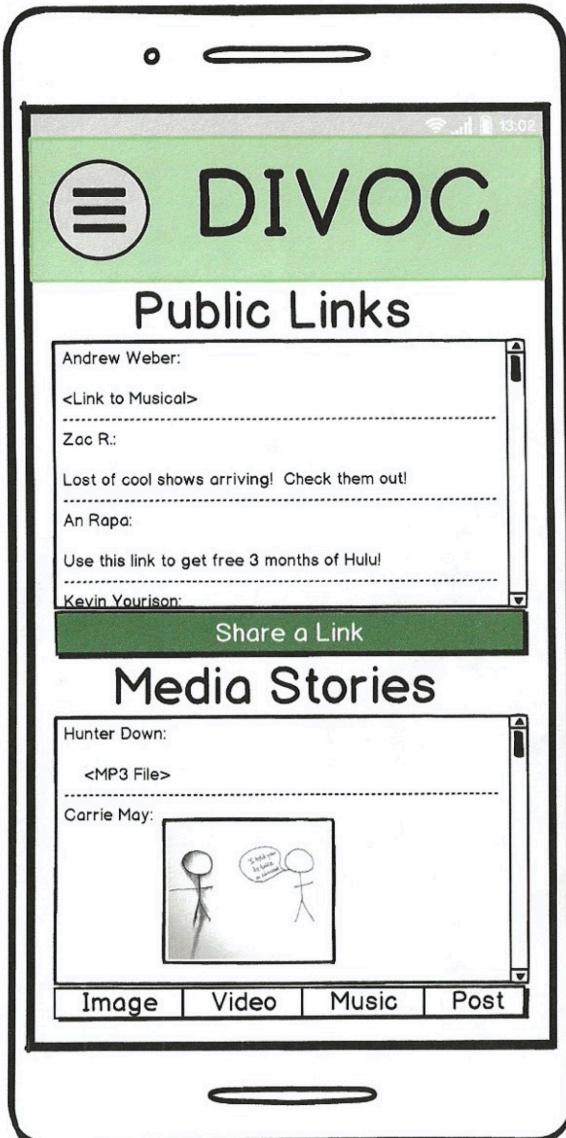
WELLNESS / FITNESS Screen 2

See Page 1 for Annotations



ENTERTAINMENT SCREEN

Users will be be able to see and post media and links to media sites and apps out of the scope of this application



← Go to menu button ← Provide simplistic flow of design

scroll bar ← Provide simplistic flow of design

Allow users to engage in activities

Link feed ← Provide frequent updates

← Provide information regarding local businesses / preventative measures

← Provide users with social resources

← Share a link

scroll bar ← Provide simplistic flow of design

Allow users to engage in hobbies

Media Story ← Provide users with social resources

← Provide resources for maintaining social life

← Provide frequent updates

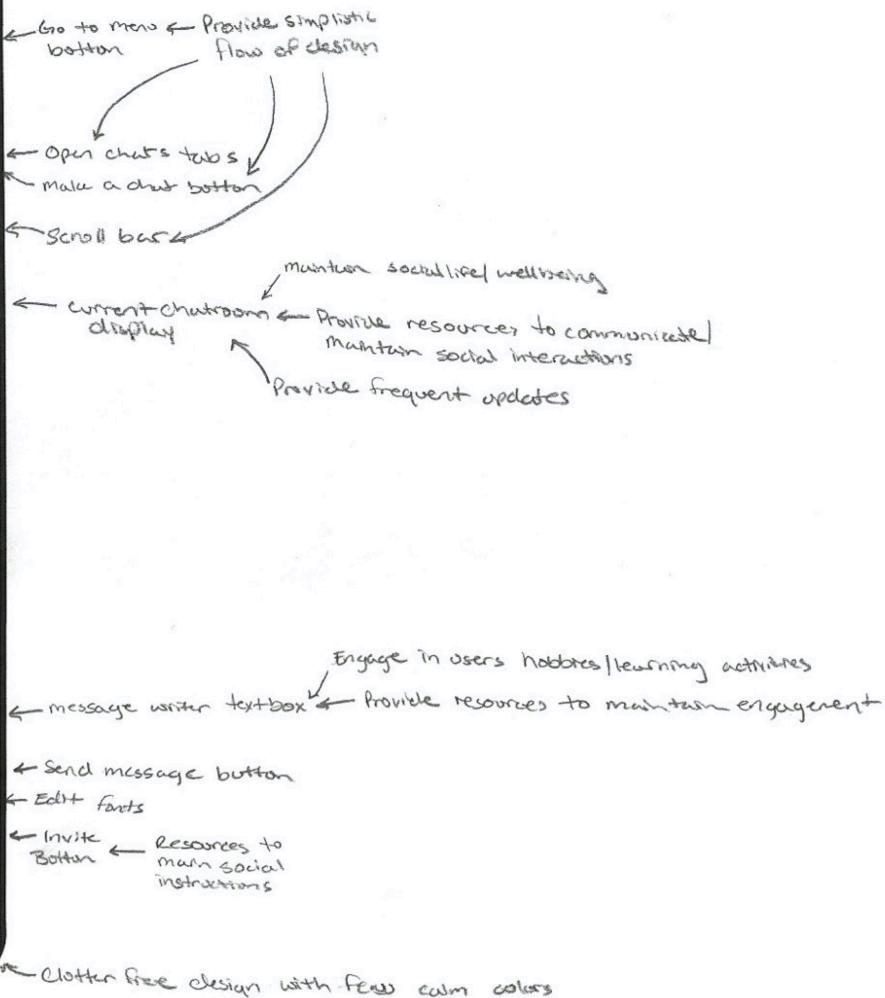
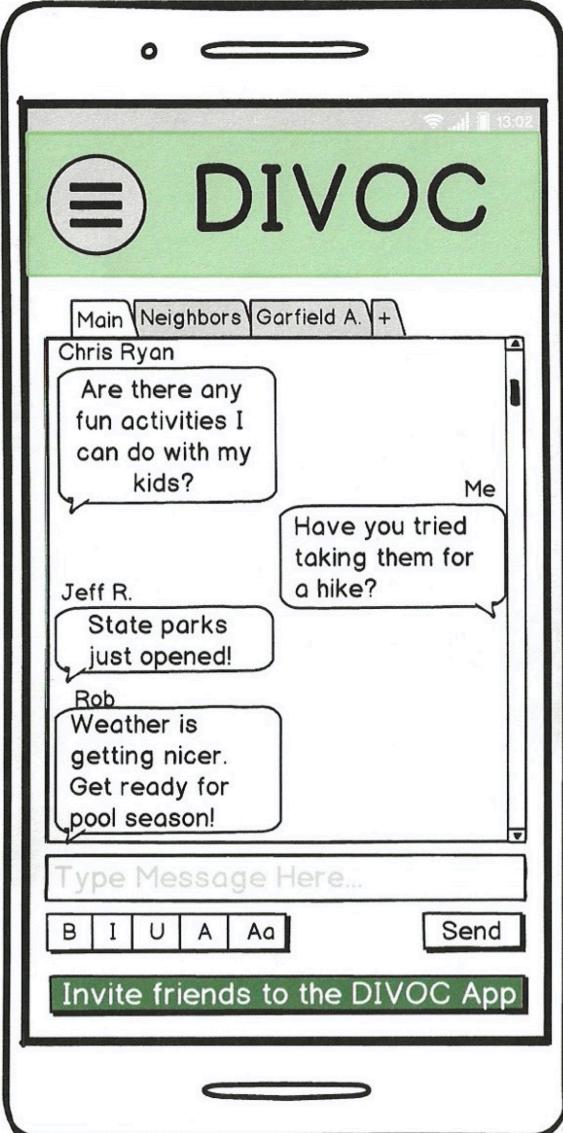
Add Media buttons

← Post media

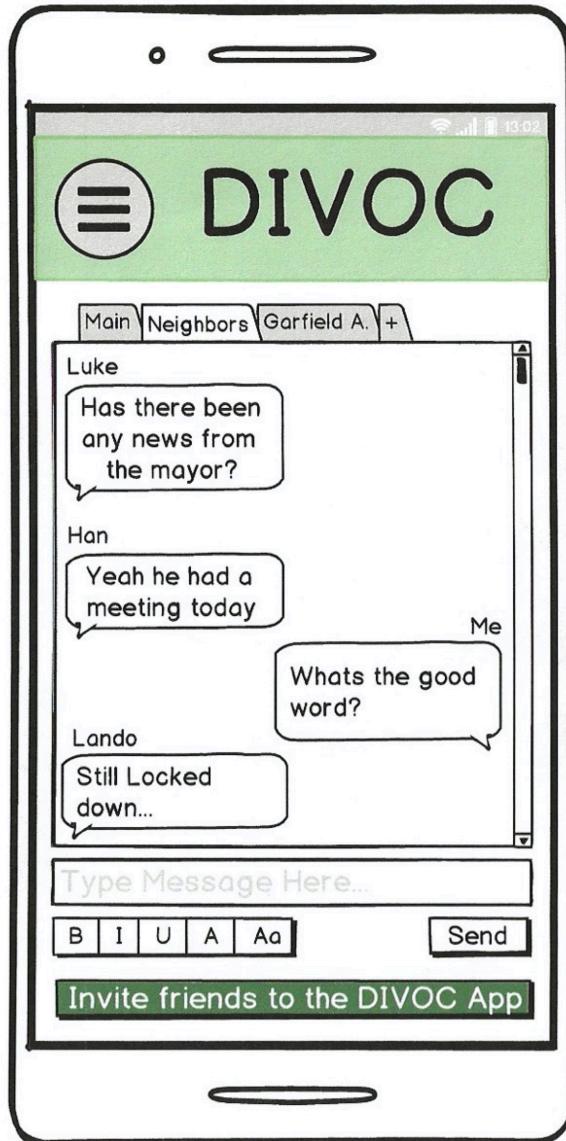
← Few calm colors without overwhelming menus

SOCIAL COMMUNICATION SCREEN 1

This will be the main screen for communicating and interacting with other users

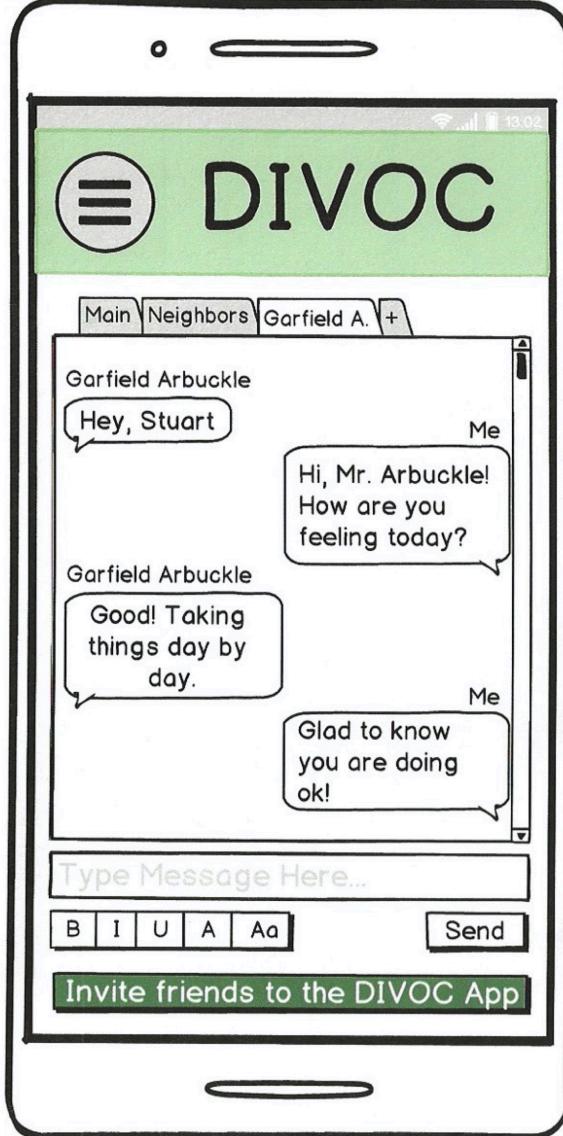


SOCIAL / COMMUNICATION SCREEN 2



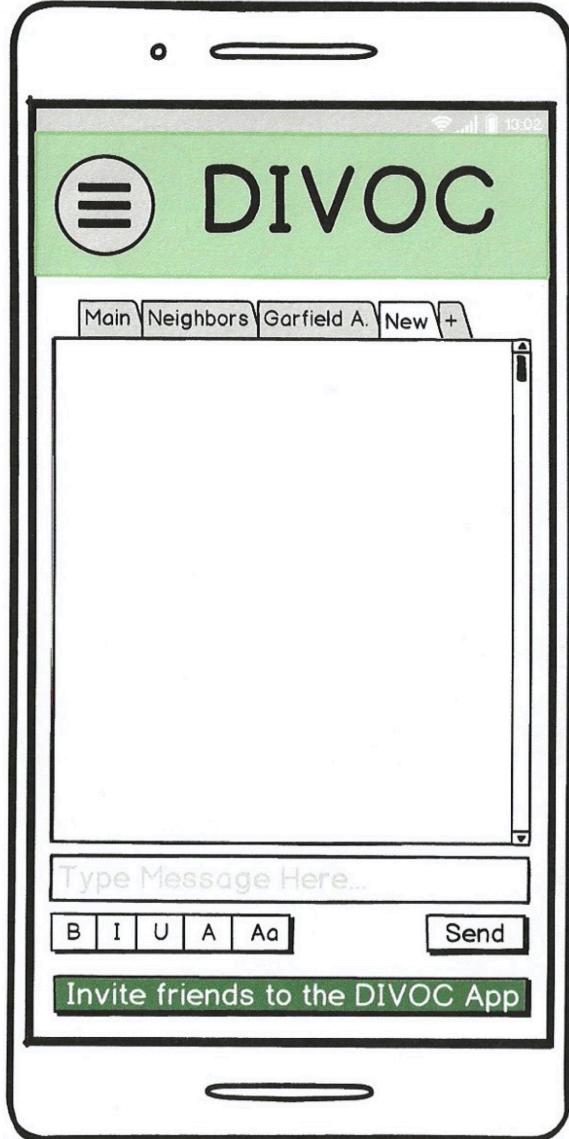
See page 1 for Annotations

SOCIAL / COMMUNICATION SCREEN 3



See page 1 for annotations

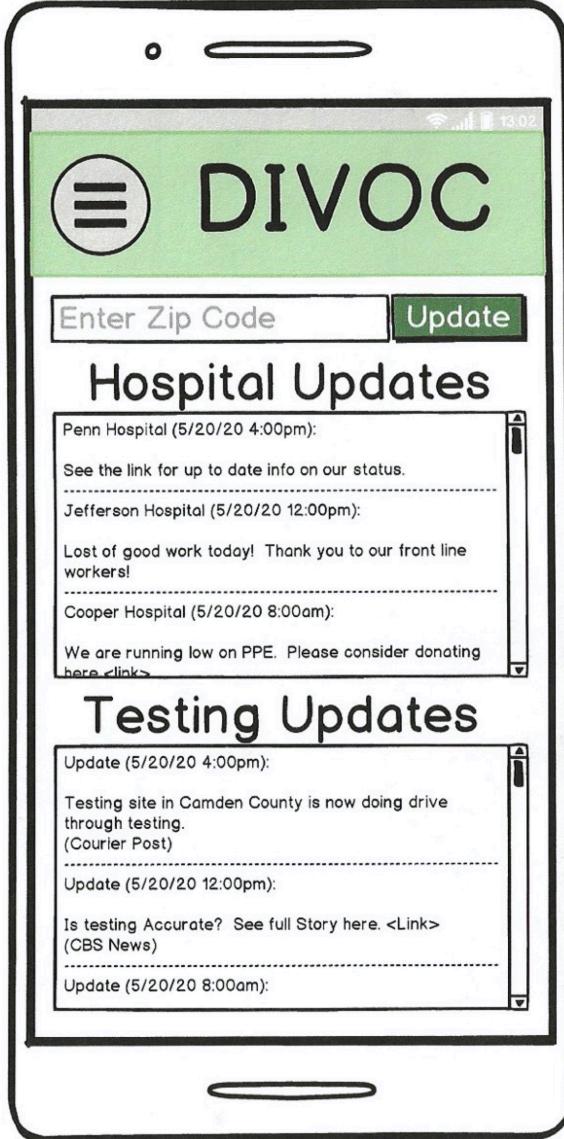
SOCIAL / COMMUNICATION SCREEN 4



See page 1 for annotations

ESSENTIAL SCREEN

The screen will allow users to gain info about healthcare workers, testing treatments, etc. specifically as it relates to local healthcare workers



- ← Go to Menu & Provide simplistic flow
- ← Enter your location textbox
- ← Update button
- Provide simplistic flow of design
- scroll bar
- Hospital information
 - Provide info on preventative measures
 - Provide success stories
 - View info about places to donate
 - Provide sources
 - Provide statistical hospital data
 - Provide frequent updates
- Provide simplistic ↓ flow of design
- scroll bar
- Testing Information
 - Provide frequent updates
 - View locations to get tested
 - Provide representation procedures
- Provide environment to get current info about treatments/testing from healthcare workers
- Provide few calm colors



EMERGENCY SCREEN

Users will be able to sign up for emergency alerts outside of the app environment

← Go to menu button ← Provide simplistic design flow

← Phone # textbox

← Email textbox

Alert checkboxes

← State textbox

← Alert checkbox

← Zip code textbox

← Sign up button

← clutter free with few calm colors

← Provide simplistic flow of design

← provide emergency alerts



PROFILE SCREEN 1

Users will use this screen to log in to their profile (google account) that will allow for social interactions to take place w/ in the app.

← Go to menu button ← Provide a simplistic flow of design

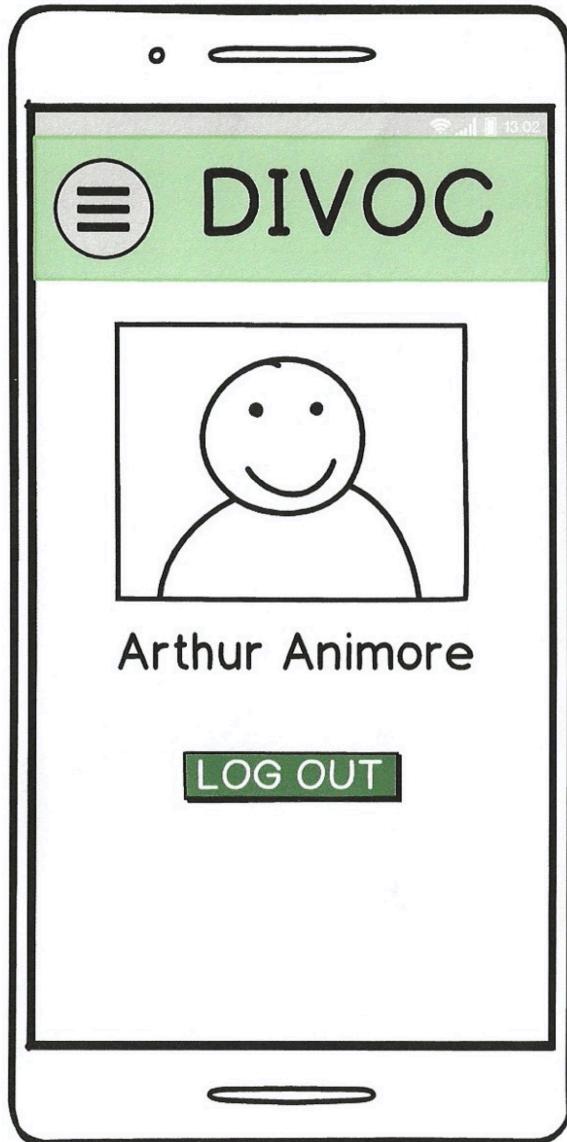
← Profile picture → Provide customizable user profiles
↓ to allow for interactions between users

← Username textbox

← Password textbox

← Sign in button

← Clean/simple design ← Provide a clutter free design w/ few custom colors



PROFILE Screen 2

See Page 1 for more Annotations

← Log out button

Section 4: Revised High-Fidelity Prototype

The major critique received from the demo presentation was to ensure that all of the screens were titled in appropriate unambiguous ways. For that reason, the major change between the presentation prototype and the high-fidelity prototype is the renaming of “Essential Corner” to “Hospital / Testing Information”.

DIVOC

The Ultimate Lockdown Companion

The current COVID-19 outbreak has resulted in a time of social distancing and self isolation.

During this tough time, it's important to stay connected and maintain a sense of normalcy.

[Enter the App](#)



DIVOC

MENU

General Information

State / Local Information

Wellness / Fitness Information

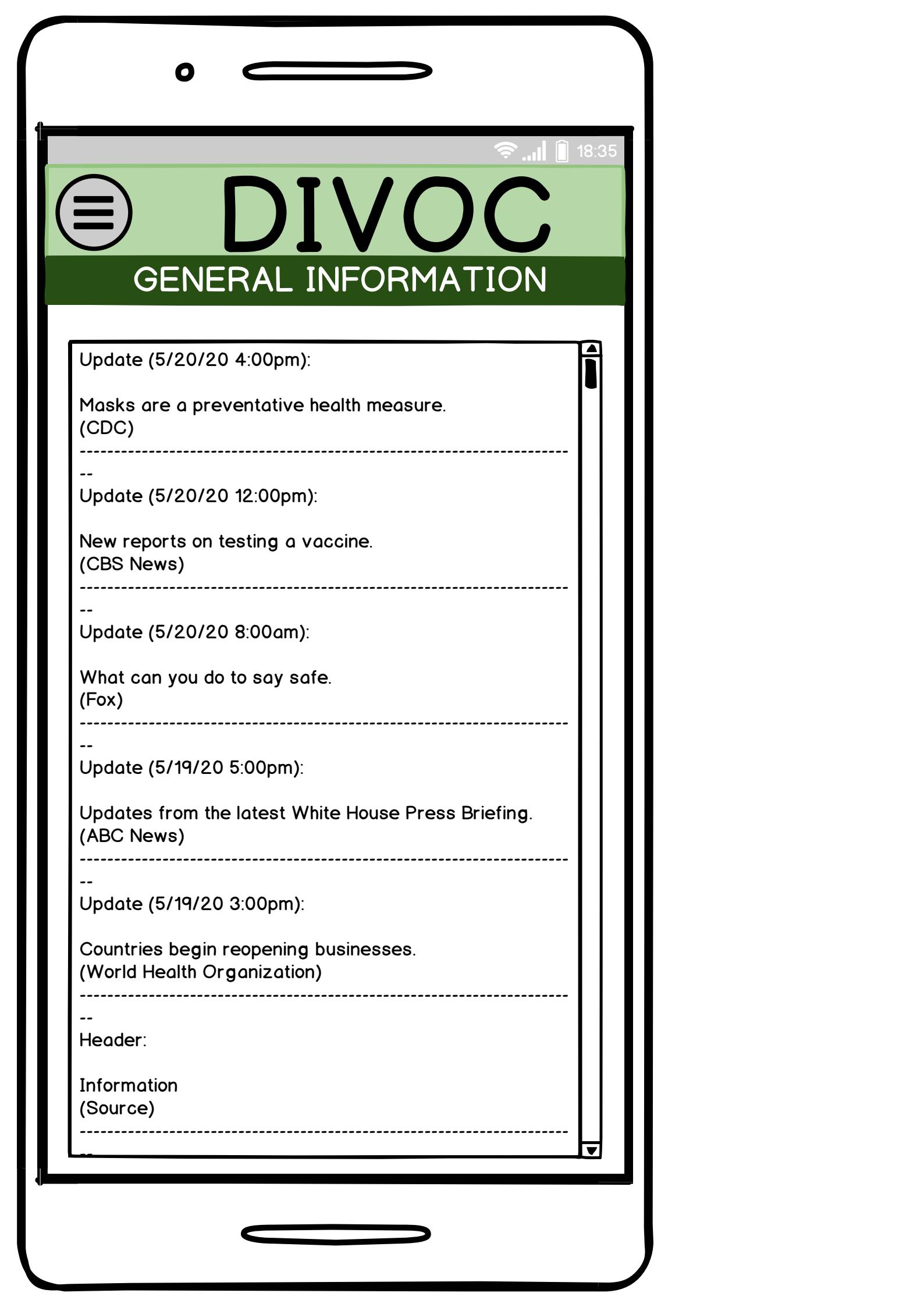
Entertainment

Social / Communication

Hospital / Testing Information

Emergency Information

Profile



18:35



DIVOC

GENERAL INFORMATION

Update (5/20/20 4:00pm):

Masks are a preventative health measure.
(CDC)

--
Update (5/20/20 12:00pm):

New reports on testing a vaccine.
(CBS News)

--
Update (5/20/20 8:00am):

What can you do to stay safe.
(Fox)

--
Update (5/19/20 5:00pm):

Updates from the latest White House Press Briefing.
(ABC News)

--
Update (5/19/20 3:00pm):

Countries begin reopening businesses.
(World Health Organization)

--
Header:

Information
(Source)



DIVOC

STATE / LOCAL INFORMATION

State Local

Governors Office:

State Parks and Golf Courses begin to open.
(5/21/20)

Local Post:

See what you can expect as lockdown orders are lessened.

Reminder:

Masks must be worn in all public settings.
Penalty includes fines and imprisonment.



Enter Zip Code

Update

18:35



DIVOC

STATE / LOCAL INFORMATION

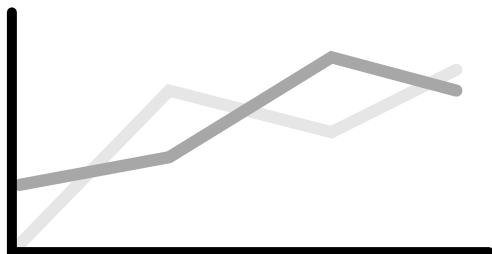
State Local

Mayor Killion:

All Parks and Township Buildings are closed until further notice.

Township Committee:

See the current trends within our county.



Flying Crust:

Support your local pizza shop! BOGO Wings!

Enter Zip Code

Update



DIVOC

WELLNESS / FITNESS

Posts Challenges

An Other:

GAINS!!!!



Ken U. digit:

Try counting calories. I use WW and
that
helps a lot?

Joe Shmo:

Can anyone help me with some
weightloss techniques?

Make a Post...

Send

18:35

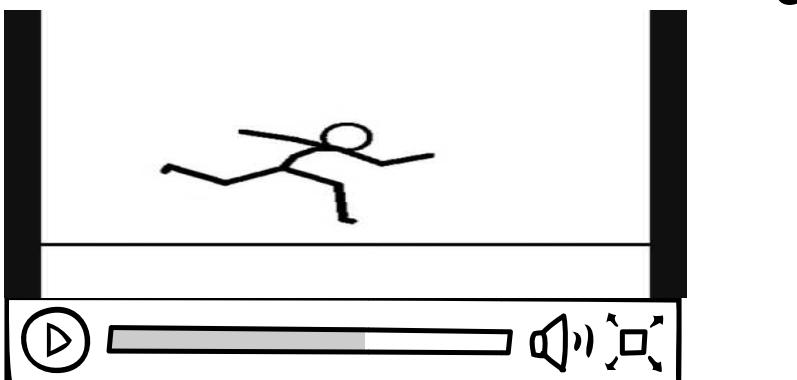


DIVOC

WELLNESS / FITNESS

Posts Challenges

Frank Le:



Dan G.:

Challenge:

30 Crunches

4 Burpees

Repeat 3 times a week

Dan M.:

Challenge Posting

10 Mile Jog

Make a Post...

Send

18:35



DIVOC

ENTERTAINMENT

Public Links

Andrew Weber:

<Link to Musical>

Zac R.:

Lost of cool shows arriving! Check them out!

An Rapa:

Use this link to get free 3 months of Hulu!

Kevin Yourison:

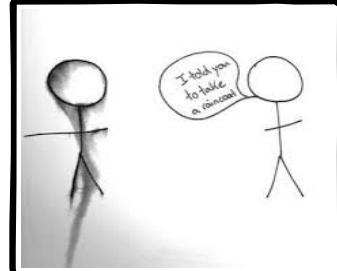
Share a Link

Media Stories

Hunter Down:

<MP3 File>

Carrie May:



Image

Video

Music

Post

18:35



DIVOC

ENTERTAINMENT

Public Links

Andrew Weber:

<Link to Musical>

Zac R.:

Lost o

An Ro

Use th

Kevin

Hunter

<MP>

Share a Link:

<Paste Link Here>

[Cancel](#) [Send](#)

Carrie May:



[Image](#)

[Video](#)

[Music](#)

[Post](#)

18:35



DIVOC

SOCIAL FORUM

Main Neighbors Garfield A. +

Chris Ryan

Are there any fun activities I can do with my kids?

Me

Have you tried taking them for a hike?

Jeff R.

State parks just opened!

Rob

Weather is getting nicer. Get ready for pool season!

Type Message Here...

B I U A Aa

Send

Invite friends to the DIVOC App

18:35



DIVOC

SOCIAL FORUM

Main Neighbors Garfield A. +

Luke

Has there been
any news from
the mayor?

Han

Yeah he had a
meeting today

Me

Whats the good
word?

Lando

Still Locked
down...

Type Message Here...

B I U A Aa

Send

Invite friends to the DIVOC App



18:35



DIVOC

SOCIAL FORUM

Main Neighbors Garfield A. +

Garfield Arbuckle

Hey, Stuart

Me

Hi, Mr. Arbuckle!
How are you
feeling today?

Garfield Arbuckle

Good! Taking
things day by
day.

Me

Glad to know
you are doing
ok!

Type Message Here...

B I U A Aa

Send

Invite friends to the DIVOC App

18:35



DIVOC

SOCIAL FORUM

Main Neighbors Garfield A. New +

Type Message Here...

B I U A Aa

Send

Invite friends to the DIVOC App



18:35



DIVOC

SOCIAL FORUM

Main Neighbors Garfield A. +

Garfield Arbuckle

Hey, Stuart

Me

Invite Friends:

Please enter the phone
number you would like to
invite

(###) ####-#####

[Cancel](#) [Send](#)

Glad to know
you are doing
ok!

Type Message Here...

B I U A Aa

Send

Invite friends to the DIVOC App

18:35



DIVOC

SOCIAL FORUM

Main Neighbors Garfield A. +

Garfield Arbuckle

Hey, Stuart

Me

Hi, Mr. Arbuckle!
How are you?

Invite Friends:

Invite Sent!

Ok

Garfield

Good
things day by
day.

Me

Glad to know
you are doing
ok!

Type Message Here...

B I U A Aa

Send

Invite friends to the DIVOC App

18:35



DIVOC

Hospital / Testing Information

Enter Zip Code

Update

Hospital Updates

Penn Hospital (5/20/20 4:00pm):

See the link for up to date info on our status.

Jefferson Hospital (5/20/20 12:00pm):

Lost of good work today! Thank you to our front line workers!

Cooper Hospital (5/20/20 8:00am):

We are running low on PPE. Please consider donating here <[link](#)>

Testing Updates

Update (5/20/20 4:00pm):

Testing site in Camden County is now doing drive through testing.
(Courier Post)

Update (5/20/20 12:00pm):

Is testing Accurate? See full Story here. <[Link](#)>
(CBS News)

Update (5/20/20 8:00am):



18:35



DIVOC

EMERGENCY ALERTS SIGN-UP

Enter Phone Number:

(###) ###-####

Enter E-mail Address:

name@email.com

Receive:

- National Alerts
- State Alerts

State ▾

- Local Alerts

Zip Code

SIGN UP

18:35



DIVOC

EMERGENCY ALERTS SIGN-UP

Enter Phone Number:

(###) ###-####

Enter E-mail Address:

name@email.com

Receive:

- National Alerts
- State Alerts

Local

State

- Alabama
- Alaska
- Arizona
- Arkansas
- California
- ...

18:35



DIVOC

EMERGENCY ALERTS SIGN-UP

Enter Phone Number:

(###) ####-####

Enter E-mail Address:

name@email.com

Sign-up Successful!

You have been signed
up for emergency alerts.

[Ok](#)

State

Local Alerts

Zip Code

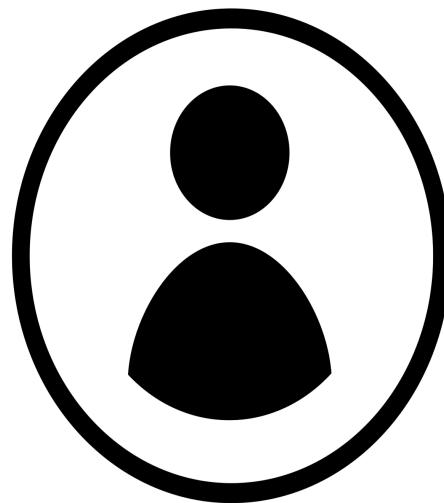
SIGN UP

18:35



DIVOC

YOUR PROFILE



USERNAME

PASSWORD

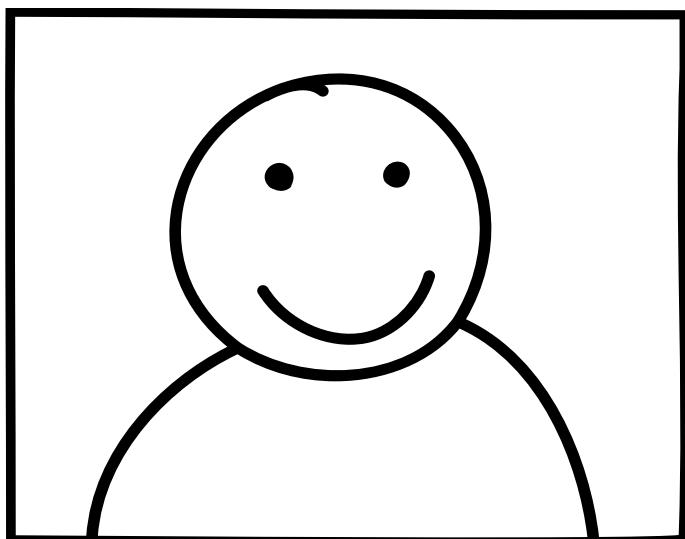
SIGN IN

18:35



DIVOC

YOUR PROFILE



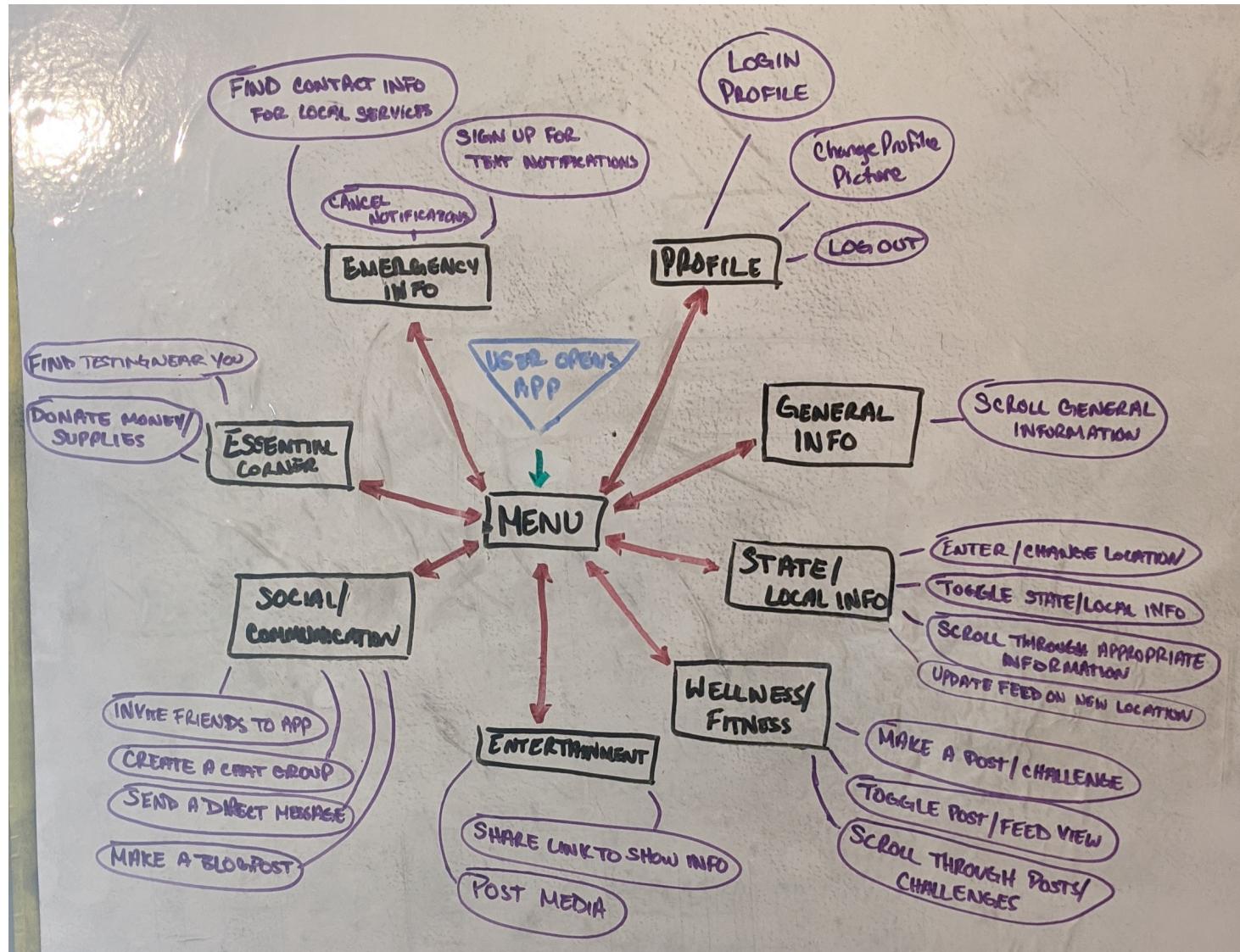
Arthur Animore

LOG OUT

Appendix A: Prototype Storyboard

Introduction:

In this appendix, we include the proposed storyboard for using the DIVOC application. Included in this storyboard are the designed screens and the unique actions a user would take on that screen.



Appendix B: Design Requirements Per Page

Introduction:

In this appendix, we include the design requirements and their relation to the screens within the DIVOC application.