PORTFOLIO

YIOKLING CHU GARCIA

Computer Science

TABLE OF CONTENTS

MOBILE APPLICATIONS

HERA

JavaScript

Description

Hera is a pill reminder app that keeps people on track of their medication and prescriptions with daily reminders. This app helps people that tend to neglect doctor's orders. Hera assists people to manage to keep their number of medications straight.
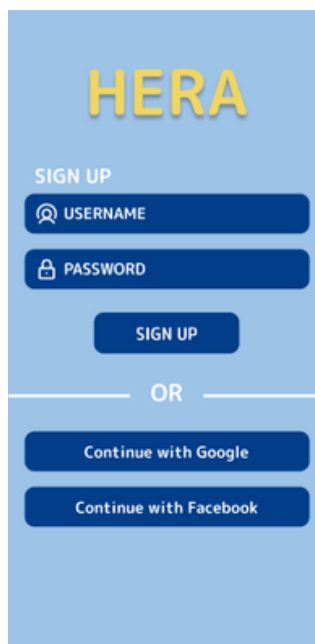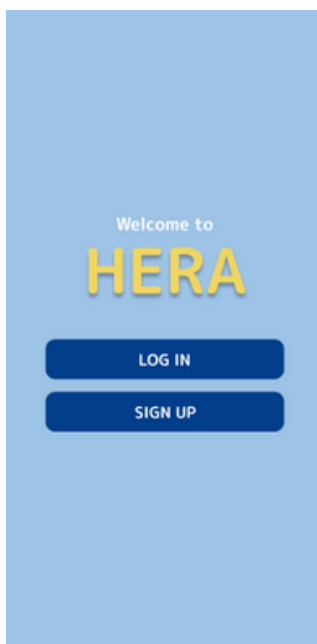
Language and Platform

Hera was created using JavaScript and React Native, as well as a Firebase database.
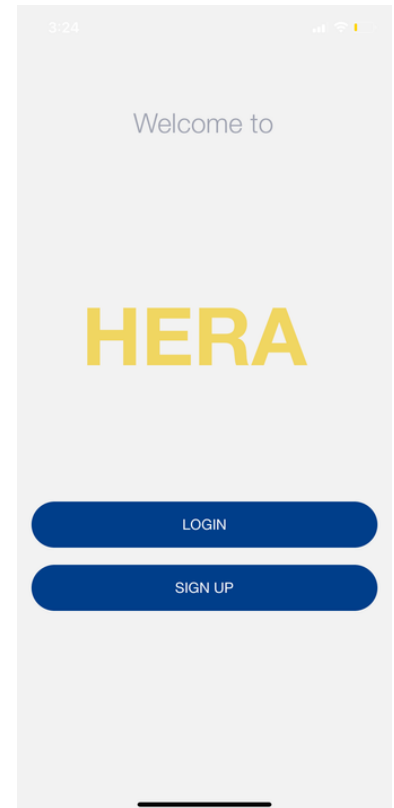The prototype was made using Figma.
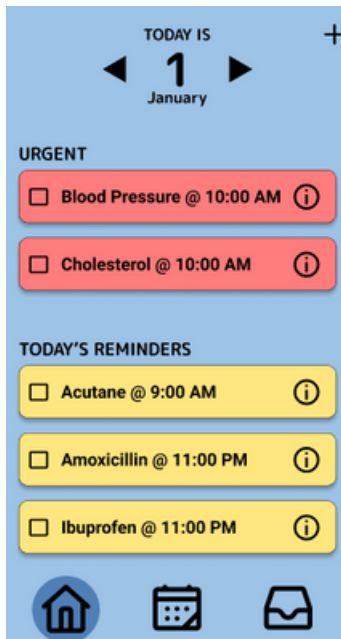
Process

Prototype
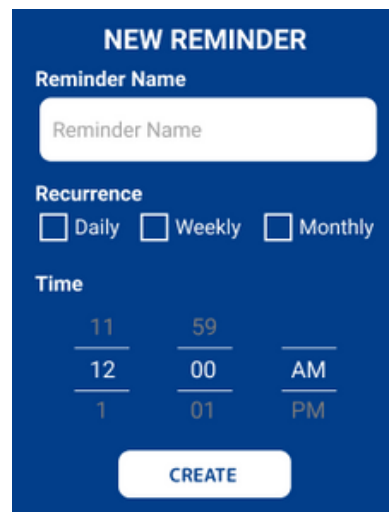
Functionalities:

- Track of Medication
- Recurring Reminders
  - Daily
  - Weekly
  - Monthly
  - X-amount of Days
- Refill Alerts
- Remaining Quantity
  - Missed Medication Alerts

Process

Prototype

Reminders Page

TODAY IS
◄ **1** ►
January

➕

URGENT

☐ Blood Pressure @ 10:00 AM ⓘ

☐ Cholesterol @ 10:00 AM ⓘ

TODAY'S REMINDERS

☐ Acutane @ 9:00 AM ⓘ

☐ Amoxicillin @ 11:00 PM ⓘ

☐ Ibuprofen @ 11:00 PM ⓘ

Reminders Page

Create Reminder

NEW REMINDER

Reminder Name

Reminder Name

Recurrence
☐ Daily ☐ Weekly ☐ Monthly

Time

11	59	
12	00	AM
1	01	PM

CREATE

Create Reminder

Edit Reminder

BLOOD PRESSURE

Recurrence
☑ Daily ☐ Weekly ☐ Monthly

Time

9	59	
10	00	PM
11	01	AM

UPDATE
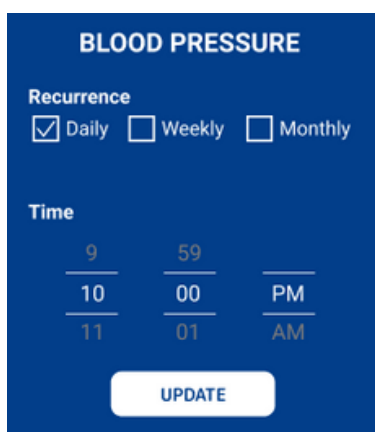
Edit Reminder

Reminder Done

TODAY IS
◄ **1** ►
January

➕

URGENT

☐ Blood Pressure @ 10:00 AM ⓘ

☐ Cholesterol @ 10:00 AM ⓘ

TODAY'S REMINDERS

☑ Acutane @ 9:00 AM ⓘ

☐ Amoxicillin @ 11:00 PM ⓘ

☐ Ibuprofen @ 11:00 PM ⓘ
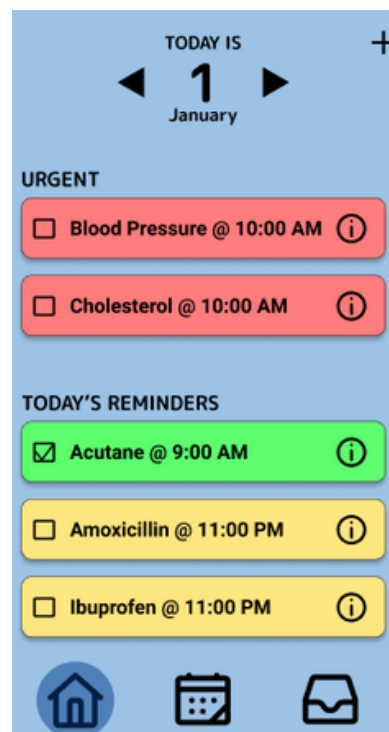
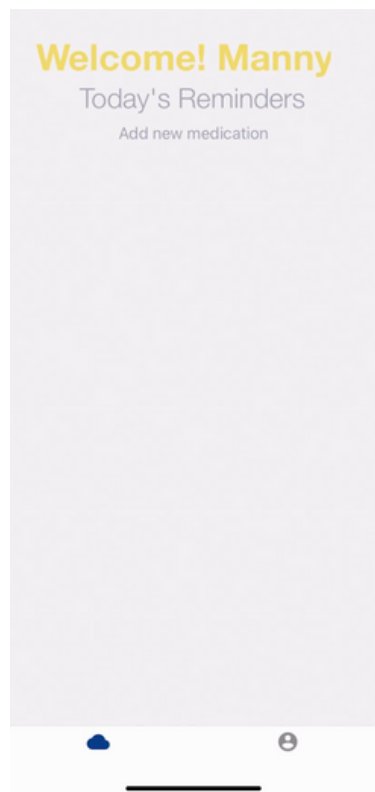Reminder Done

HERA

JavaScript

Final

The app has the user input a name for the medication, a recurrence and for how long. Then, the algorithm sets a reminder for the specific medication which holds the recurrence and time limit.
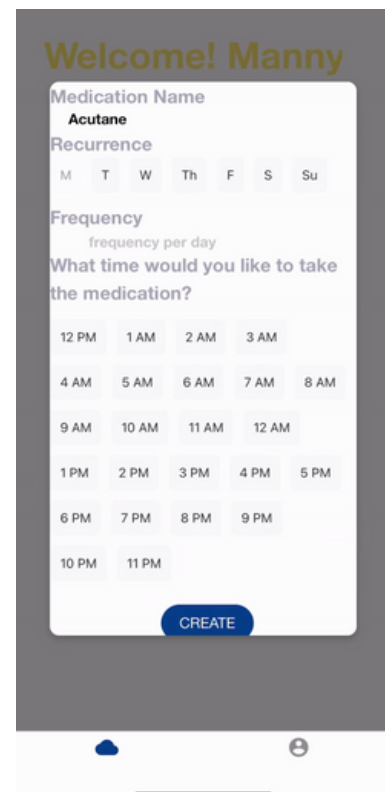
There are two main parts for Hera. Hera is the front-end react-native app and Ares is a redux-thunk middleware application that holds functions and database calls.

Reminders
List
Container

Nav

Reminders
Page/Home Page

Create Reminder

HERA

Reminder

Welcome! Manny
Today's Reminders
Add new medication

Acutane
M
F
Time: 10 PM
Frequency: 1

Reminder

Edit Reminder

Welcome! Manny
Today's Reminders
Add new medication

Acutane

Medication Name
Acutane
Recurrence
M
F
Medication Time
10 PM
Frequency
1

DELETE
CANCEL
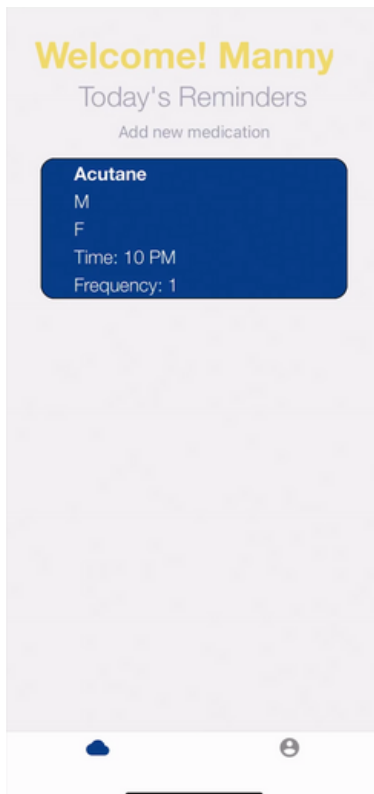
Edit Reminder

Logout Page

Settings

Help

Logout
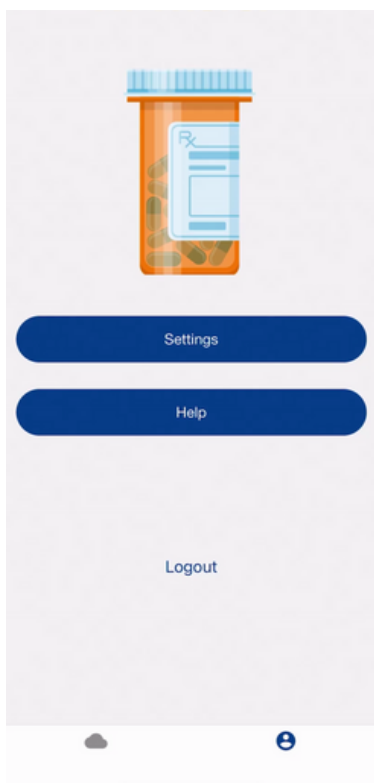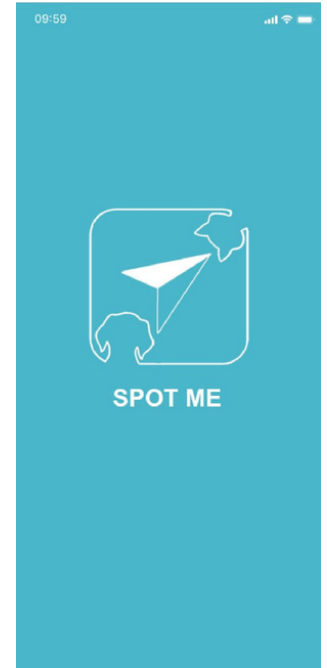
Logout Page

Take a look at the code

SPOT ME

MockUp App

Description

Spot Me is an app prototype that helps to reunite lost animals with their owners and assists stray animals have a better quality of life, reducing their time on the streets.

I designed the front-end user interface using proto.io. To make an engaging user-friendly interface I created different images, illustrations, graphics and arrangements including the app's logo.

SPOT ME

MockUp

Pet Owner
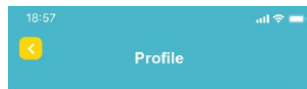
Kendall

555-555-5555
Kendall@gmail.com
1,500

Lost Pet

Fuzzy
Hamster

Last Seen: 34 Water St. NY, NY

Weight: 10 oz
Color: Brown
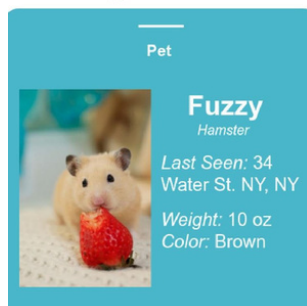
Profile Page

Functionalities:

- Report the location of stray animals
- Create profile for the lost pet
- Receive automatic notifications every time a reported animal matches the characteristics of the pet
- Contribute to local businesses, animal rights groups, and shelters.
  - Provides a platform for users to donate to and receive more information on Animal Rights Organizations, by gaining Paw Power, the special in-app currency used to donate to various groups.

MockUp
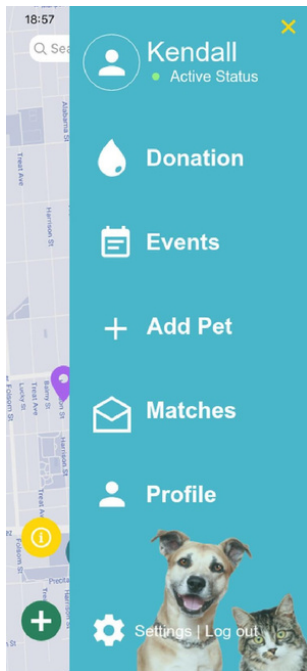
SPOT ME

Side-Menu
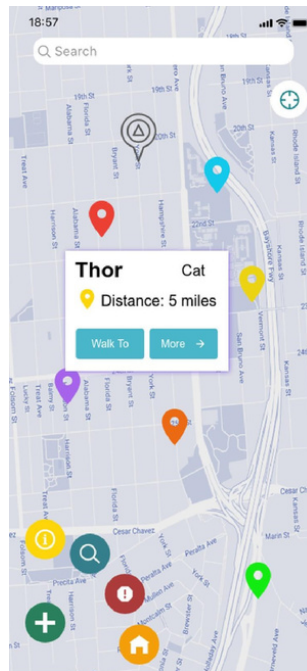
Map with Animal
Reports
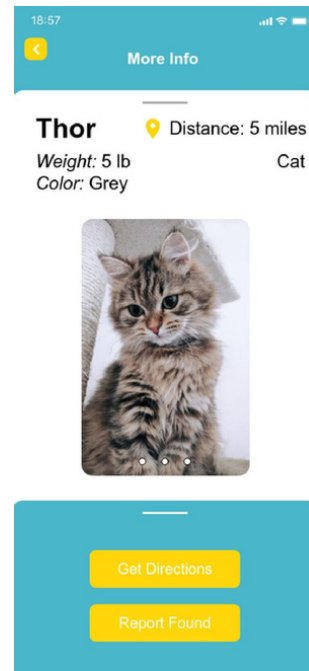
Reported Animal
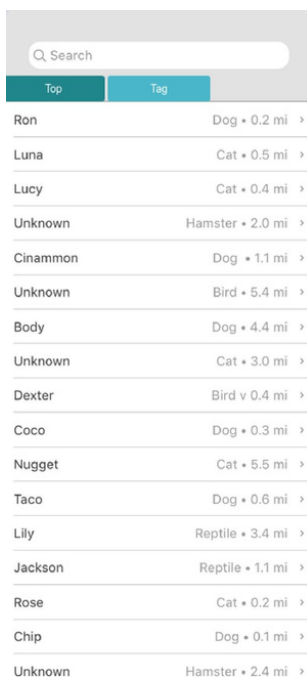
Reported Animal
List
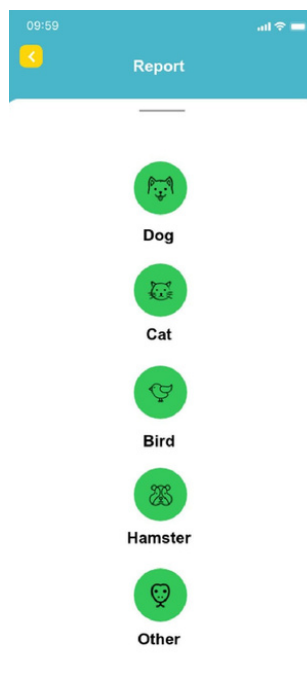
Report an
Animal
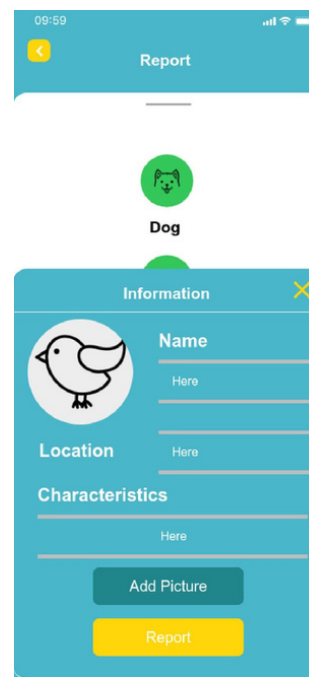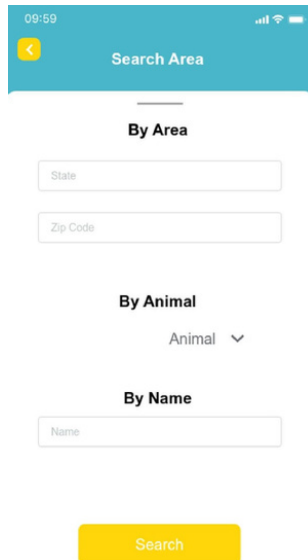
Report an
Animal

SPOT ME

MockUp App

Search Area

By Area

State

Zip Code

By Animal
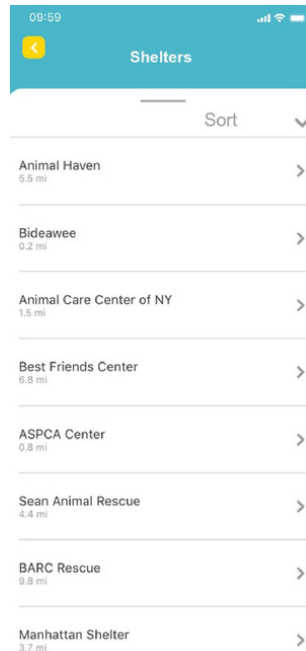
Animal ⌄

By Name

Name

Search

Search Animal Reports

Shelters

Sort ⌄

Animal Haven
5.5 mi ›

Bideawee
0.2 mi ›

Animal Care Center of NY
1.5 mi ›

Best Friends Center
6.8 mi ›
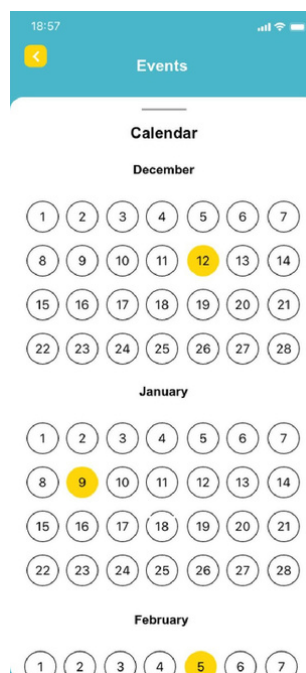
ASPCA Center
0.8 mi ›

Sean Animal Rescue
4.4 mi ›

BARC Rescue
9.8 mi ›

Manhattan Shelter
3.7 mi ›

Shelters List

Events

Calendar

December

1 2 3 4 5 6 7
8 9 10 11 **12** 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
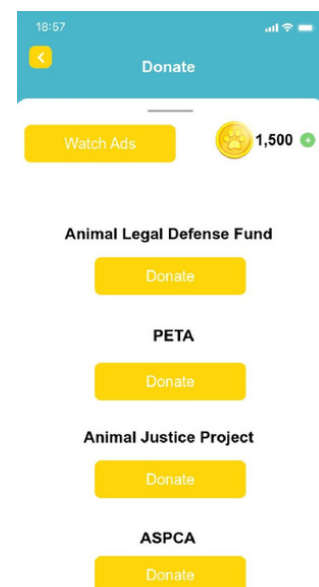
January

1 2 3 4 5 6 7
8 **9** 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28

February

1 2 3 4 **5** 6 7

Calendar of Organization's Events

Donate

Watch Ads 🪙 1,500 ⊕

Animal Legal Defense Fund

Donate

PETA

Donate

Animal Justice Project

Donate

ASPCA

Donate

Donate Page

COVID APP

MockUp App

Description

The Covid App is a tool used to keep the user up to date with the current COVID-19 information. This app helps people be prepared by staying informed.

I designed the user interface using Figma. The minimalist app keeps the information as simple and straightforward as possible.

CovidApp

Process

MuckUp1

Cases

Stats

New York

+999   -347

Symptoms

Test

location
location
location
location

Shots
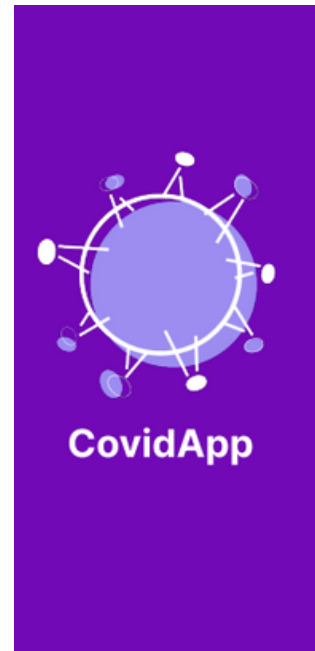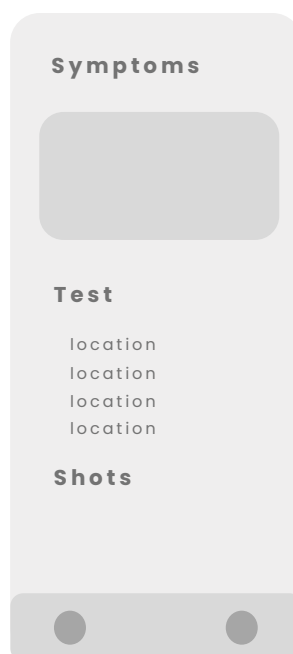
Functionalities:

- Display the number of COVID-19 cases globally
- Chart Display of the number of cases
- Display by state
  - Number of cases
  - Number of deaths
- Symptoms list
- Quarantine information
- Rapid Test Locations
- COVID Vaccine information

COVID APP

Process

CASES

5.59M

STATS

NEW YORK

Cases	Deaths
2.59M	40,736
+2,714	+18

Tab-Menu

Home | Info

Home Screen

FEELING SICK?

Symptoms | Quarantine
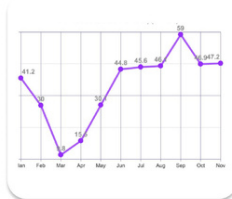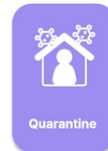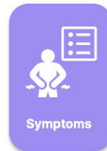
RAPID TEST

COVID VACCINE

Home | Info
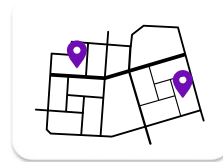
Info Screen

CALENDAR APP

JavaScript

Description

The Calendar App is a tool that helps the user to visualize their schedule and remind them of important events. This app is easy to use since it requires minimal clicking and menu exploration.

Language and Platform

The Calendar App was created using JavaScript and React Native.

Calendar App

Process

Agenda

16

17

18

Calendar

August
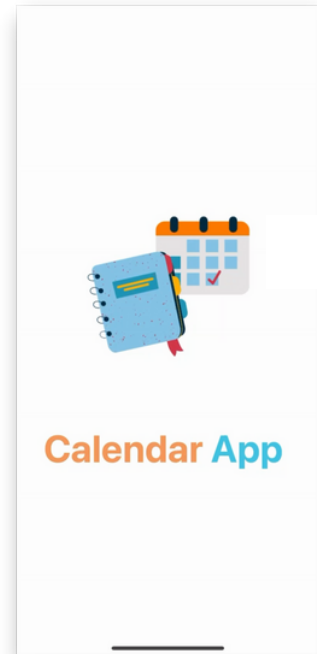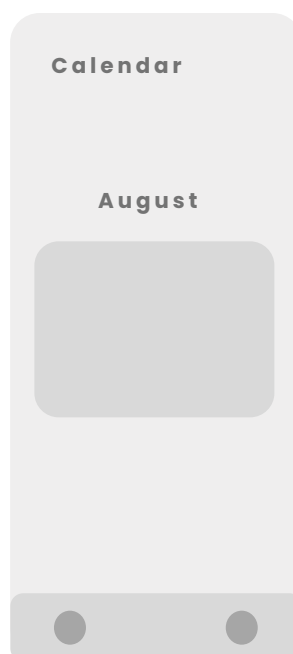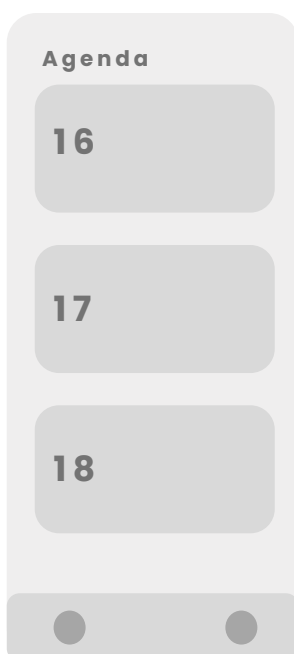
MuckUp

Functionalities:

- Event Scheduling
- Calendar Display
  - Monthly
  - Weekly
- Event Display

CALENDAR APP

Weekly
Calendar
Display
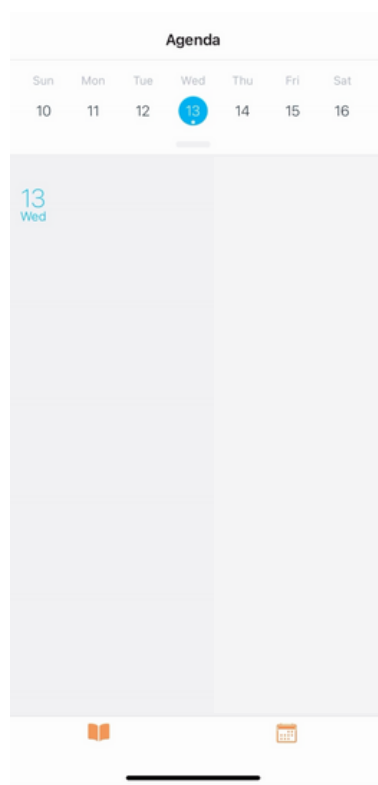
Agenda-Tab

Expandable
Display
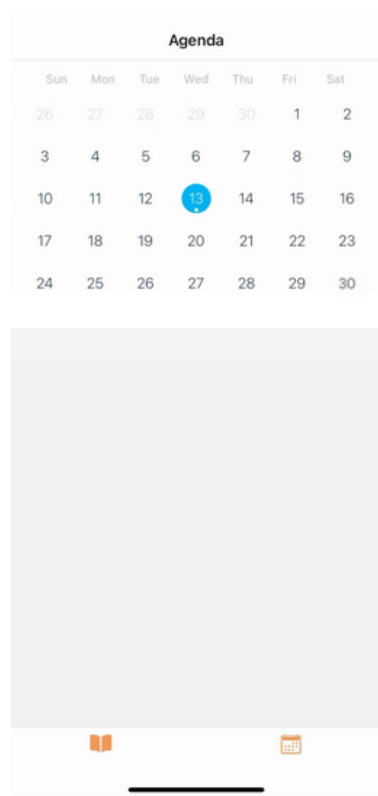
Agenda-Tab

Create Event
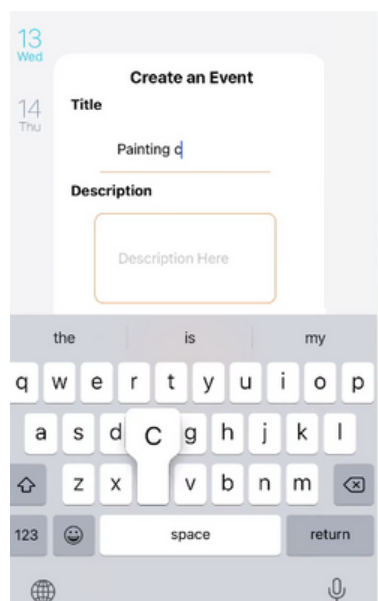
List Display of
Events

Title and
Description

CALENDAR APP

JavaScript

Final
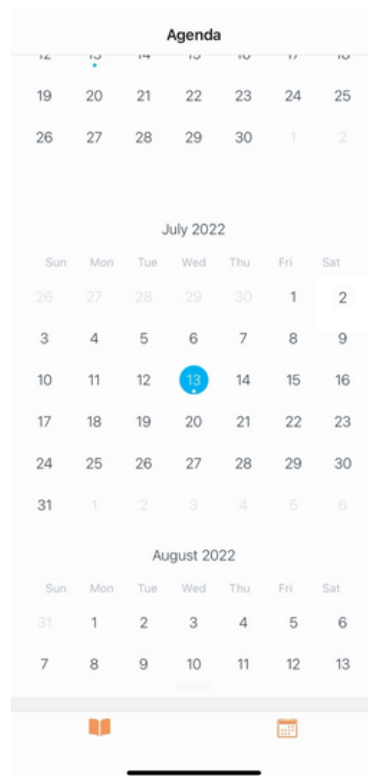
Scrollable
Calendar
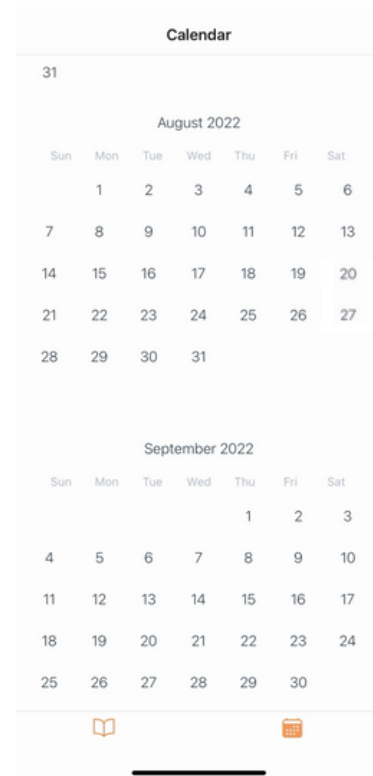
Calendar-Tab

Calendar-Tab

Take a look at the code

WEBSITES

PORTFOLIO

HTML & CSS

Description

I made this website to market my strengths and abilities by providing a creative way of presenting them. This is an online sample/proof of my work and what I have accomplished.

This portfolio showcases my work to potential employers.

Language and Platform

The website was created from scratch using HTML and CSS, and hosted on Netlify.

Features

- Flexible Layout – works for different window sizes, the layout is arranged depending upon screen size.
- Side Navigation (for mobile) – to index the different pages on the screen
- Tagged Navigation – inner navigation button tagged to automatically bring the viewport to the top section
- Animations – the buttons move or change colors to make the page more attractive
- Timeline – to display my work experience
- Form – users will be able to get in touch from within the website
- Grid – to display objects side by side

Home Page

Process

PORTFOLIO

Wireframe

Nav

HOME | ABOUT | PROJECTS | CONTACT

Main

Header

TITLE

PICTURE

Wireframe

section

DESCRIPTION

Section

FEATURE

Footer

CONTACT: Email | LinkedIn | Github
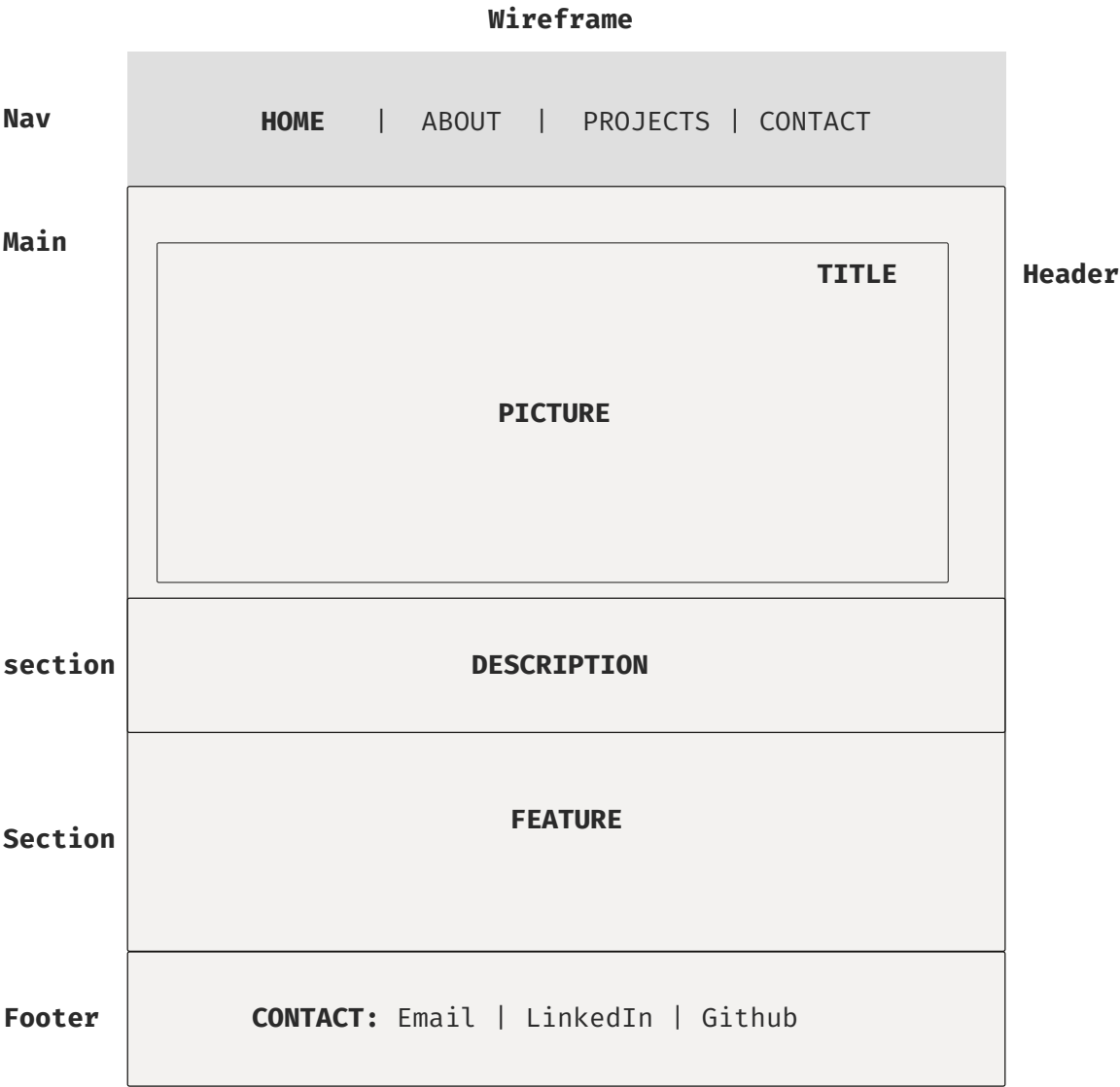
PORTFOLIO

HTML & CSS

Desktop View
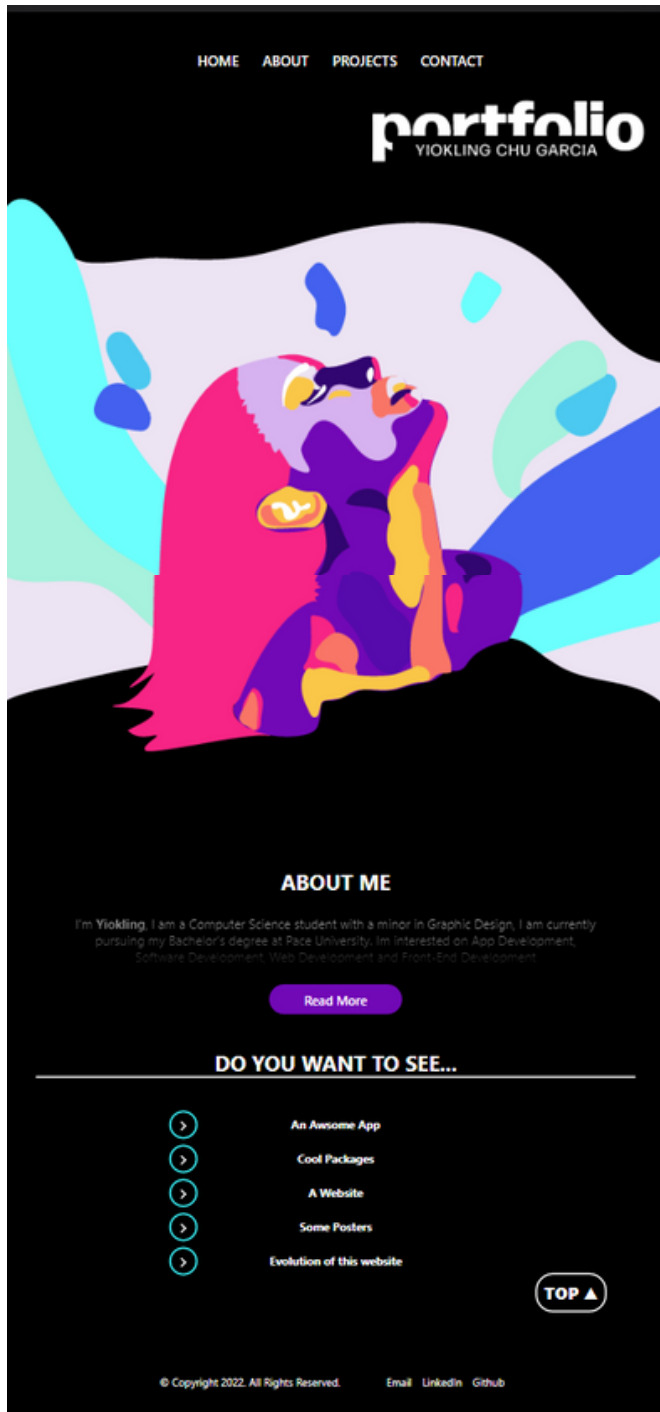
Complete Home
Page
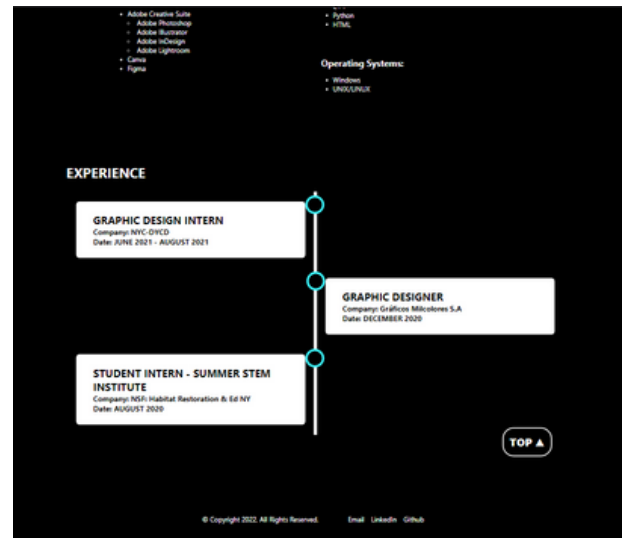
Timeline (About Page)
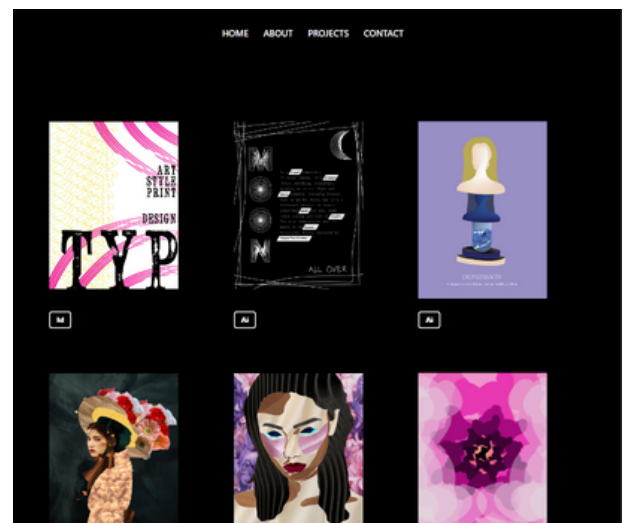
Grid Layout (Posters
Page)

PORTFOLIO

Change of Color Animation and Pop up Animation (Projects Page)

Phone View

Side Menu Button

Side Menu
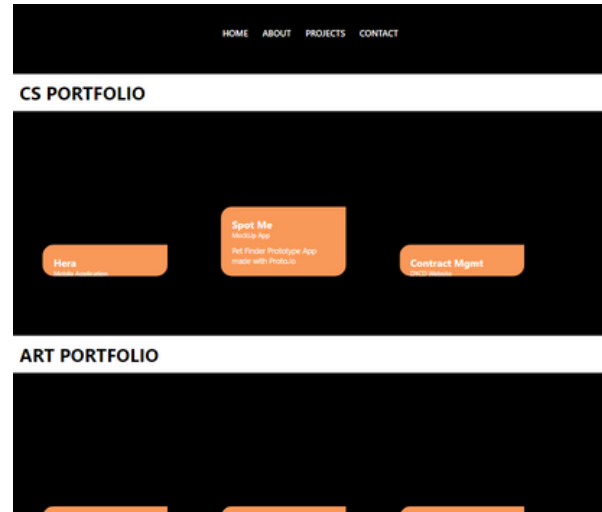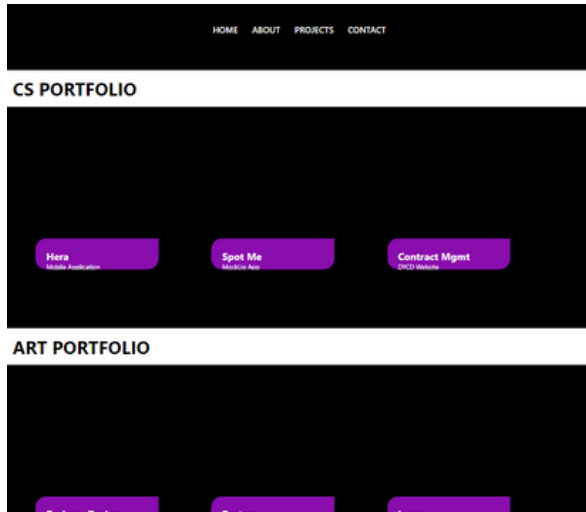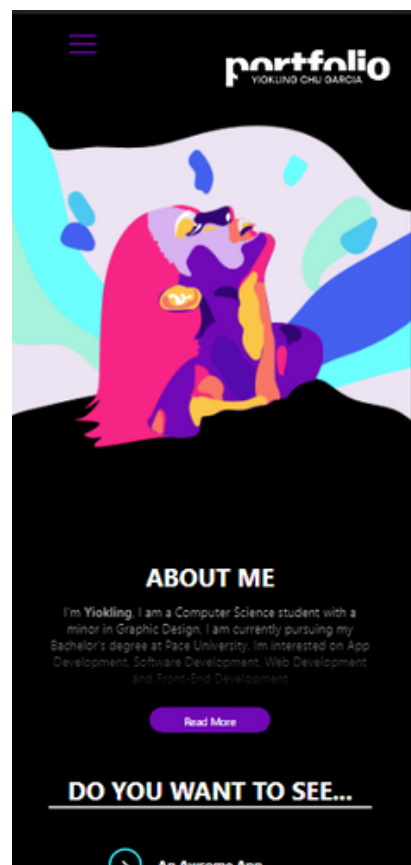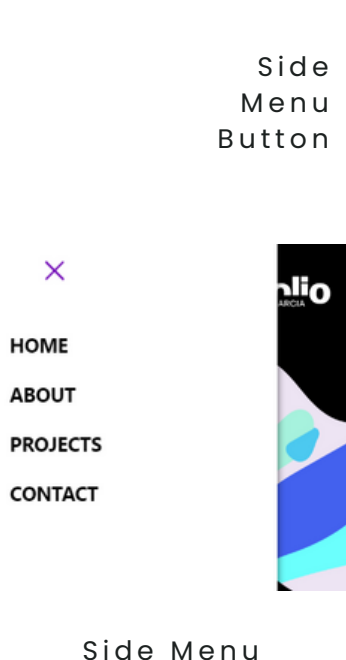
Home Page
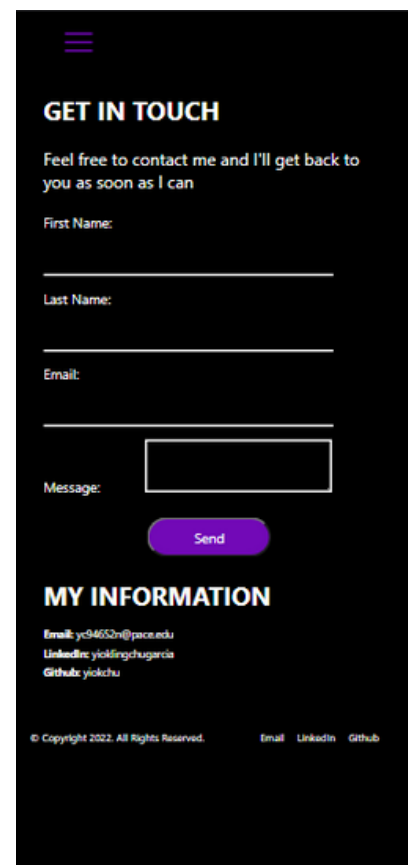
Form (Contact Page)

DYCD

HTML & CSS

Description

The DYCD contract management website organizes the function of the contact management for users to find based on need. The task was to create a FAQ/ Help/ Tutorials page for an internal website system used by DYCD employees. Since the data is confidential the information has been substituted.

Language and Platform

The website was created from scratch using HTML and CSS, and hosted on Github Pages.

Functionalities

- Direct users on how to use the tabs for their intended purpose and create an FAQ archive for immediate assistance
- Suggests users to submit tickets for any requested help not already listed in order for us to better understand the needs of our team

Features

- Drop Down Aside Navigation - to index the different pages in Contract Management
- Tagged Navigation - inner navigation buttons are tagged to automatically bring the viewport to the desired section of text
- Minimalist Design - designed to look comfortable to the human eye in any window size
- Adaptive Design - minimalist design with a light blue theme so as not to distract from the functionality of the webpage

Main Contact

Lenny Dorodney Deputy Director
Vladimir Moldovan .Net Developer

Header

LOGO

Nav

HOME　|　ABOUT　|　CONTACT

**Aside/
Side
Menu**

Main

Heading
    SubHeading
Heading2
    SubHeading2

HEADING
                    info
    SUBHEADING
                    info
HEADING2
                    info
                    ...

Footer

Copyrigths

Site Map

About

Home

Contact

NYC | DYCD
Department of
Youth & Community
Development | CONNECT

Home　　　About Us　　　Contact Us

About
Services
Contact

About

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Heading 2

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. A pellentesque sit amet porttitor eget dolor morbi non arcu. Risus quis varius quam quisque. Amet justo donec enim diam vulputate ut pharetra sit amet. Neque gravida in fermentum et sollicitudin ac. Sapien nec sagittis aliquam malesuada bibendum arcu. Quis hendrerit dolor magna eget est lorem ipsum dolor. Eros in cursus turpis massa. Tellus cras adipiscing enim eu turpis egestas. Ornare quam viverra orci sagittis eu volutpat odio facilisis mauris. Tristique senectus et netus et malesuada fames ac turpis egestas. Ultrices vitae auctor eu augue ut lectus. Ridiculus mus sagittis vitae ultricies leo integer malesuada. Nunc mattis enim ut tellus elementum sagittis vitae et leo. Vel eros donec ac odio tempor orci dapibus. Orci dapibus ultrices in iaculis nunc sed. Urna cursus eget nunc scelerisque viverra mauris in aliquam sem. Quisque egestas diam in arcu cursus euismod quis viverra nibh.

Services

Mauris rhoncus aenean vel elit. Et tortor at risus viverra adipiscing at in tellus integer. Vulputate ut pharetra sit amet aliquam. Viverra adipiscing at in tellus integer feugiat. Ullamcorper sit amet risus nullam eget felis eget nunc. Et netus et malesuada fames ac turpis. Arcu dui vivamus arcu felis bibendum ut tristique et. Pretium viverra suspendisse potenti nullam ac tortor vitae. Diam maecenas ultricies mi eget mauris pharetra et ultrices neque ornare. Enim tortor at auctor urna. Amet volutpat consequat mauris nunc congue nisi vitae suscipit tellus. Scelerisque in dictum non consectetur a erat nam. Diam phasellus vestibulum lorem sed risus ultricies tristique nulla. Neque convallis a cras semper auctor neque vitae. Rhoncus est pellentesque elit ullamcorper dignissim cras tincidunt lobortis feugiat. In hendrerit gravida rutrum quisque non tellus orci. Scelerisque varius morbi enim nunc faucibus a pellentesque sit. Non diam phasellus vestibulum lorem sed risus ultricies tristique. Vel pretium lectus quam id leo in vitae turpis massa. Tortor dignissim convallis aenean et tortor at risus viverra. Penatibus et magnis dis.

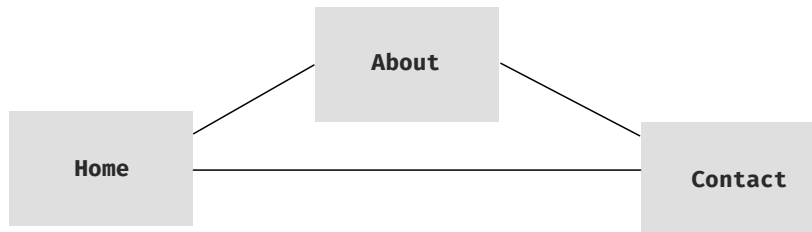Sed vulputate mi sit amet. Ac auctor augue mauris augue. Consectetur lorem donec massa sapien faucibus et molestie ac feugiat. Ut porttitor leo a diam sollicitudin tempor id. Consectetur lorem donec massa sapien faucibus. Varius quam quisque id diam vel. Etiam tempor orci eu lobortis elementum nibh tellus. Dictum varius duis at consectetur lorem donec massa. Pellentesque id nibh tortor id aliquet lectus proin. Amet porttitor eget dolor morbi non. Mauris commodo quis imperdiet massa. Convallis convallis tellus id interdum. Ac felis donec et odio pellentesque diam volutpat commodo sed. Elementum integer enim neque volutpat ac tincidunt vitae semper. Dui vivamus arcu felis bibendum ut. Facilisi morbi tempus iaculis urna id volutpat lacus.

Contact

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About
Services
Contact

© Copyright

DYCD

HTML & CSS

Header

LOGO

Title Bar

TITLE

Aside/ Side Menu

Heading
  SubHeading
Heading2
  SubHeading2

HEADING
                    info

   SUBHEADING
                    info

HEADING2
                    info
                    ...

Main

Footer

Copyrigths

CONTRACT MANAGEMENT FAQ / HELP

Home
Main
Search
Operations
Reports
Maintenance

Home

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Operations

DYCD

Aside/Side Menu

| Heading |
| SubHeading |
| Heading2 |
| SubHeading2 |

LOGO — Header

Title — Title Bar

HEADING

info

SUBHEADING

info

HEADING2

info

...

Main

Copyrigths — Footer

Home
Operations
Reports
Maintenance

CONTRACT MANAGEMENT

CONTRACT MANAGEMENT FAQ / HELP

Home

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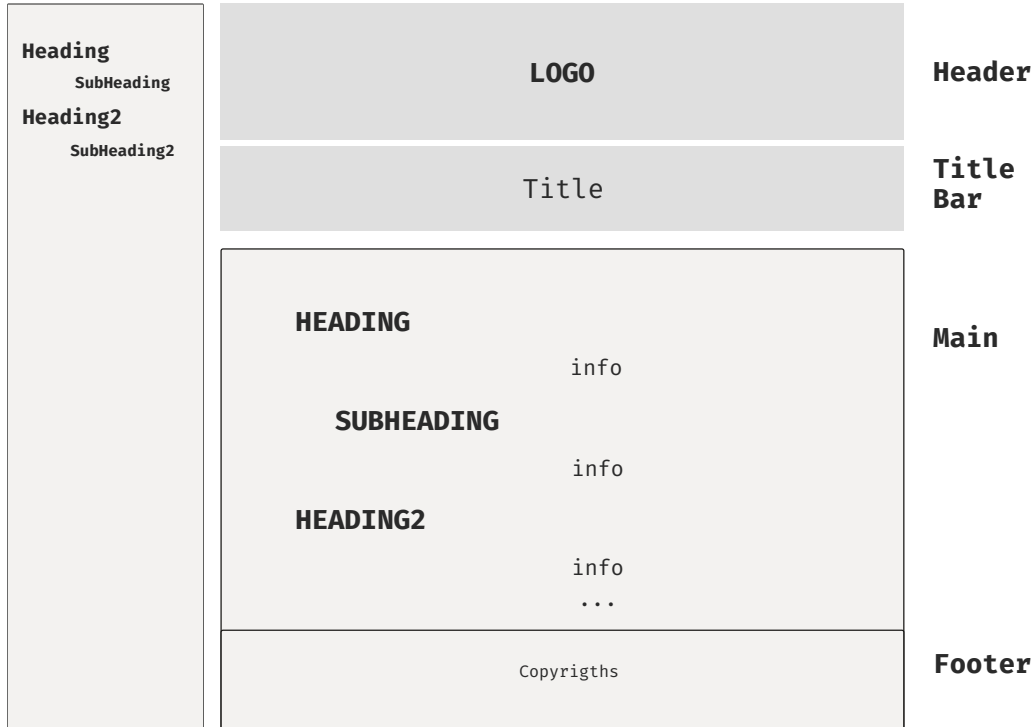
Operations

Home
Main
Search
Operations
Link 1
Link 2
Link 3
Reports
Link 1
Link 2
Link 3
Maintenance

CONTRACT MANAGEMENT

CONTRACT MANAGEMENT FAQ / HELP

Home

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Main

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Operations

DYCD

HTML & CSS

Final

AUTO REPAIR

HTML & CSS

Description

This website was made as a simple information page for the L.L.L Auto repair shop. The objective of this page was to display details, thus the customers could have quick access to the contact information, location of the shop, as well as the auto repair's hours and services. This website was created only for mobile view for the moment.
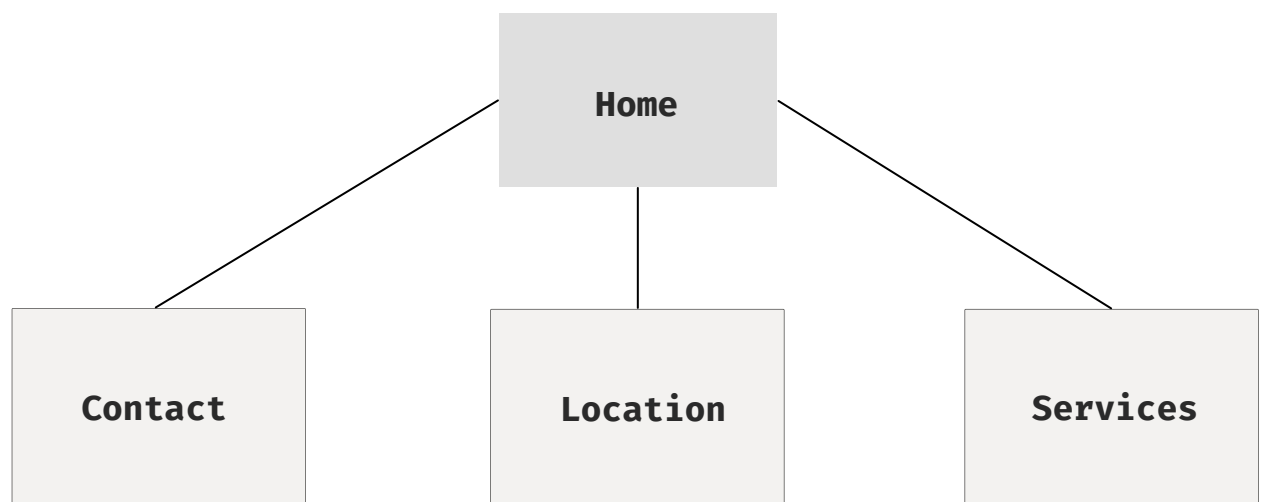
Language and Platform

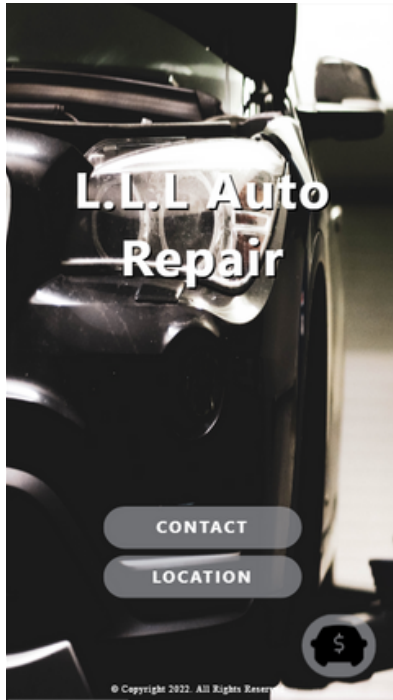The website was created from scratch using HTML and CSS, and hosted on Netlify.

Features

- Swipe Effect - Scrolling images that fill the viewport size and snap at the start so it gives a swipe effect
- Static Buttons - designed to make emphasis on the swipe effect
- Map - Embedded map to have quick access to the location of the shop
- Minimalist - designed to not distract from the functionality of the webpage

Site Map

```
                    ┌──────────┐
                    │   Home   │
                    └──────────┘
          ┌──────────────┼──────────────┐
    ┌──────────┐   ┌──────────┐   ┌──────────┐
    │ Contact  │   │ Location │   │ Services │
    └──────────┘   └──────────┘   └──────────┘
```

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AUTO REPAIR

**Home Page
(Phone View)**

**Home Page
(Phone View)**

CONTACT

Phone: (718) 488-9244

HOURS:

Monday 9AM – 6PM
Tuesday 9AM – 6PM
Wednesday 9AM – 6PM
Thursday 9AM – 6PM
Friday 9AM – 6PM
Saturday 9AM – 6PM
Sunday **Closed**

**Contact Page
(Phone View)**

LOCATION

528 President St,
Brooklyn, NY 11215

**Location Page
(Phone View)**

SERVICES

Oil Change

Batteries

Brakes

Engine Repair

Tire Repair and Replacement

Tune-Up

Auto Body Work

Engine Diagnostics in NYC

**Services Page
(Phone View)**

Take a look at the code