

# **PORTFOLIO**

**YIOKLING CHU GARCIA**

Computer Science

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# **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.

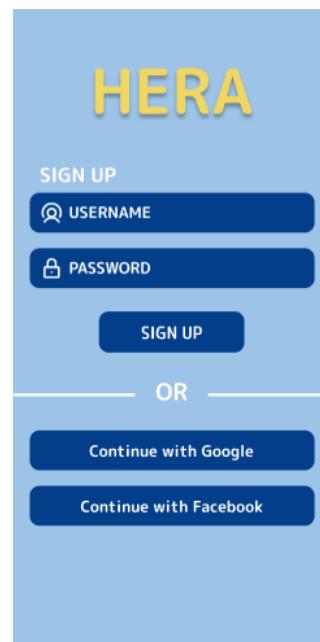
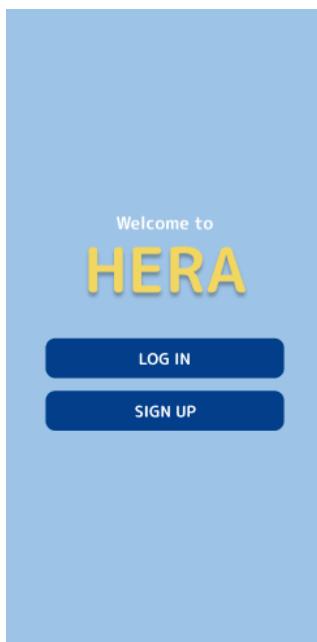
## Language and Platform

Hera was created using JavaScript and React Native, as well as a Firebase database.

The prototype was made using Figma.

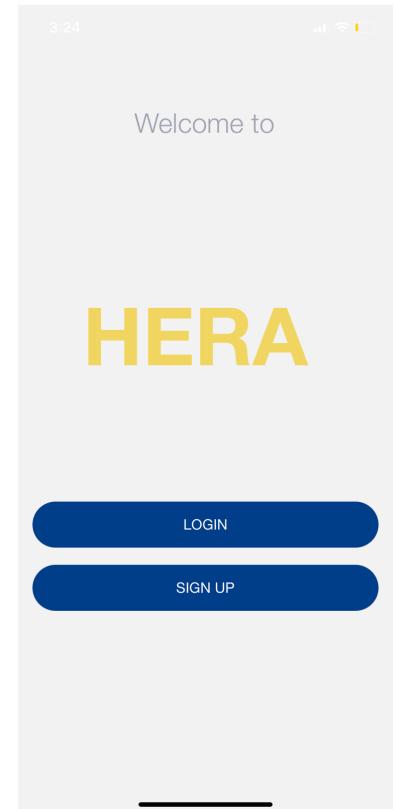
## Process

### Prototype



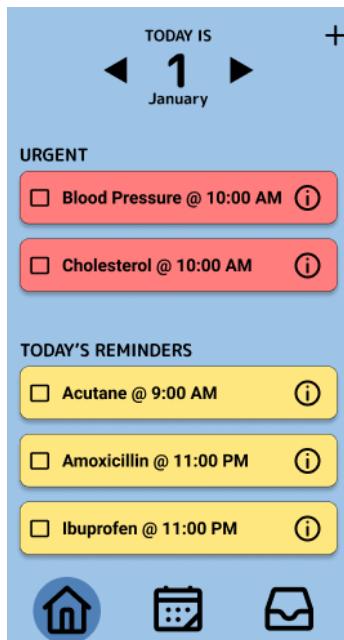
### Functionalities:

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

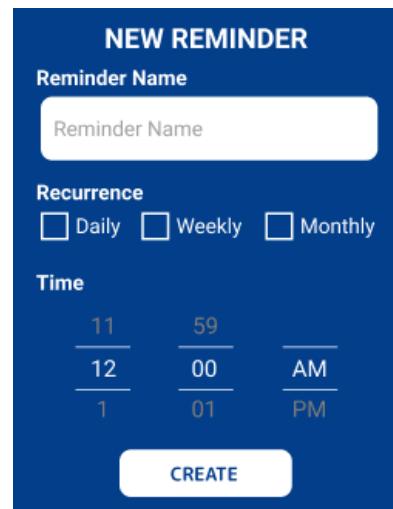


# Process

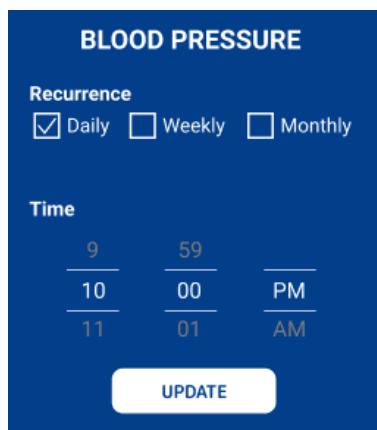
## Prototype



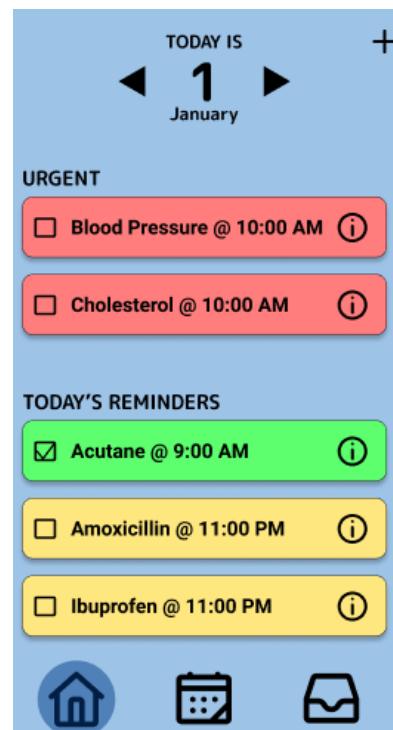
Reminders Page



Create Reminder



Edit Reminder



Reminder Done

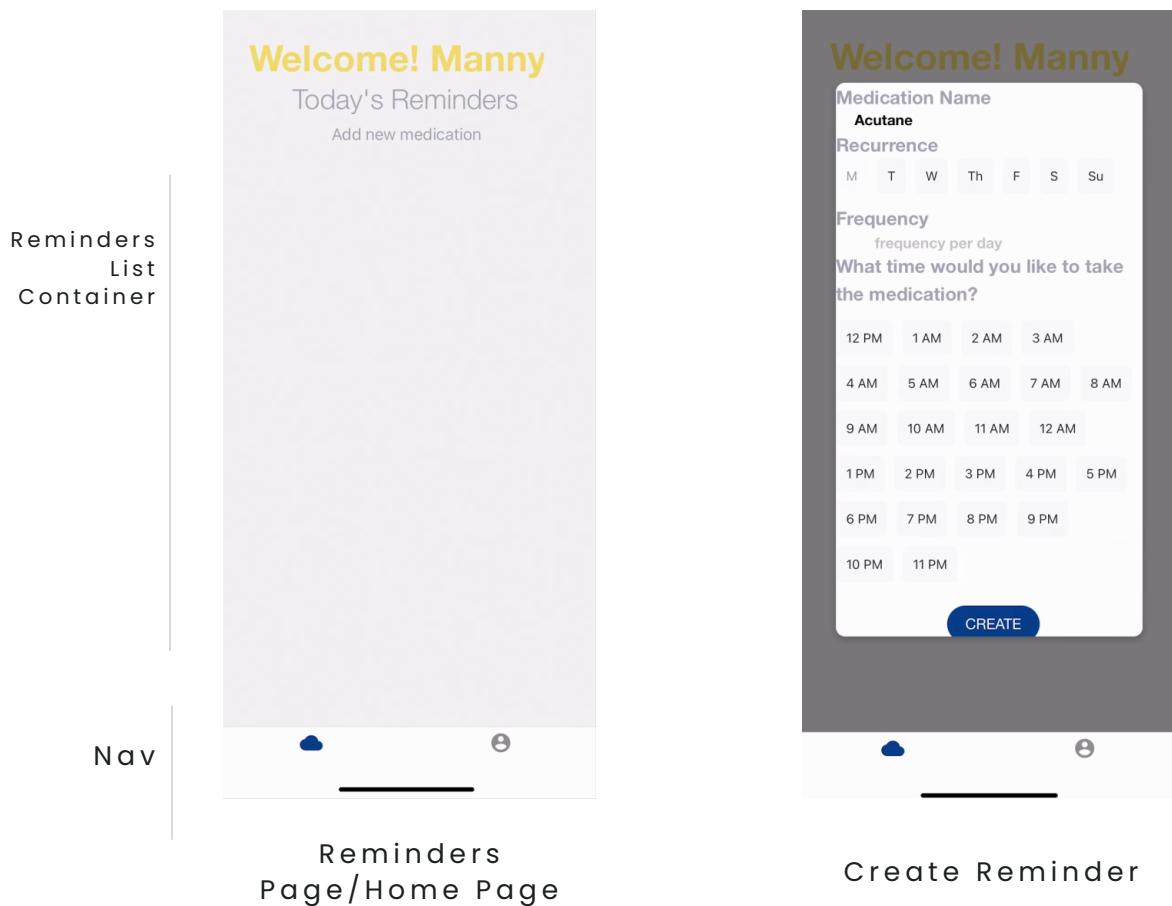
# HERA

JavaScript

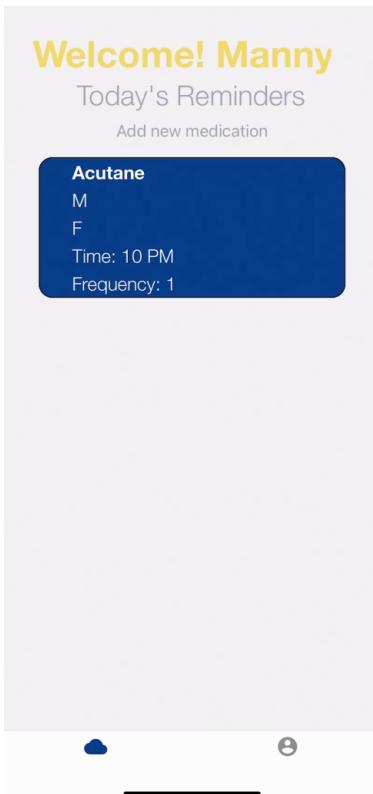
## Final

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.

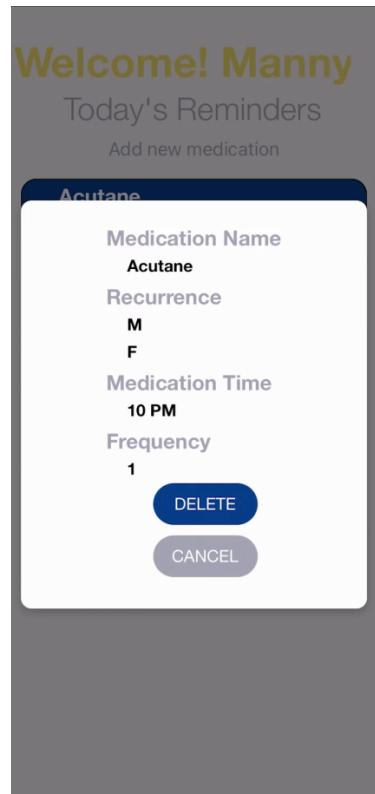
There are two main parts for Hera. Hera is the front-end react-native app and Ares is a redux-thunk middleware application that holds functions and database calls.



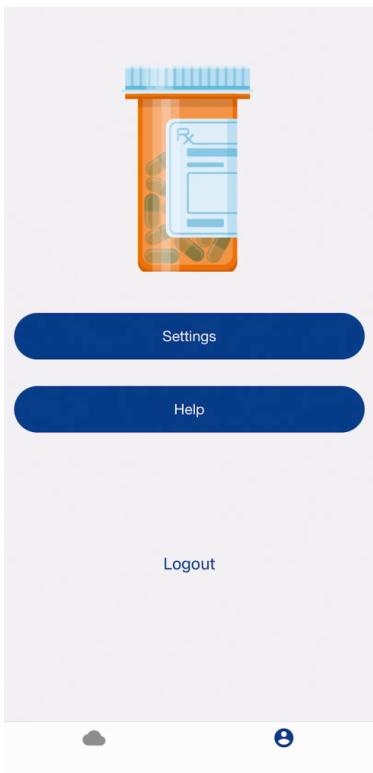
# HERA



Reminder



Edit Reminder



Logout Page

Take a look at the code

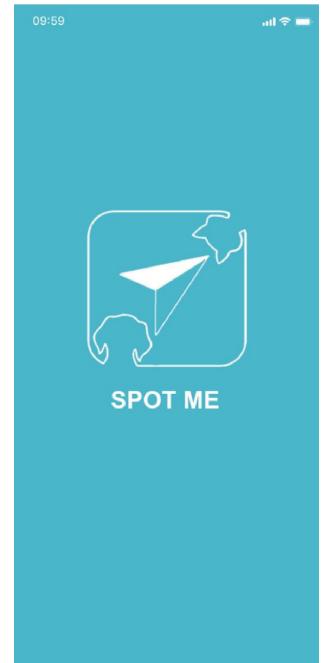
# SPOT ME

## 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.



### MockUp

The mockup shows two screens side-by-side. On the left, under 'Pet Owner', is a profile for 'Kendall'. It includes a circular profile picture of a woman, her name 'Kendall', her phone number '555-555-5555', her email 'Kendall@gmail.com', and a yellow circular icon with the number '1,500'. On the right, under 'Lost Pet', is a profile for 'Fuzzy Hamster'. It includes a circular profile picture of a hamster eating a strawberry, the pet's name 'Fuzzy', its species 'Hamster', the last seen location 'Last Seen: 34 Water St. NY, NY', its weight 'Weight: 10 oz', and its color 'Color: Brown'.

Pet Owner

Profile

Kendall

555-555-5555

Kendall@gmail.com

1,500

Lost Pet

Pet

Fuzzy

Hamster

Last Seen: 34 Water St. NY, NY

Weight: 10 oz

Color: Brown

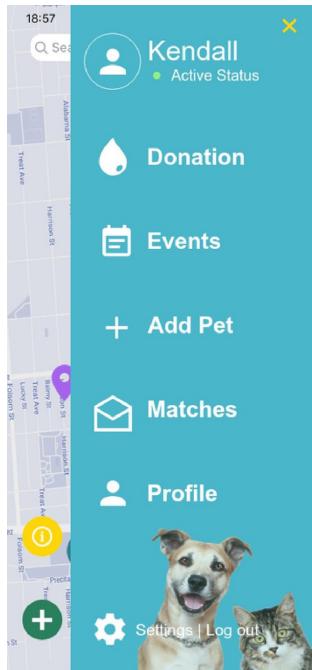
Profile Page

### Functionalities:

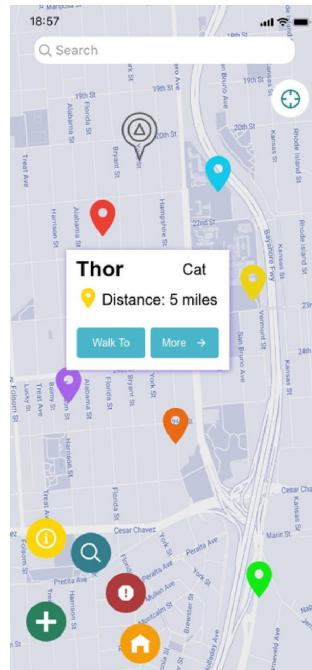
- Report the location of stray animals
- Create profile for the lost pet
- Receive automatic notifications every time a reported animal matches the characteristics of the pet
- Contribute to local businesses, animal rights groups, and shelters.
  - Provides a platform for users to donate to and receive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

# MockUp

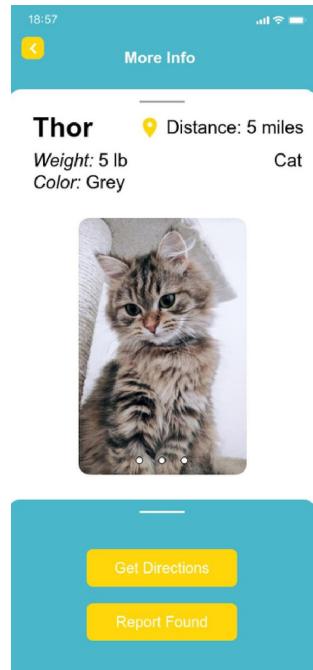
# SPOT ME



Side-Menu



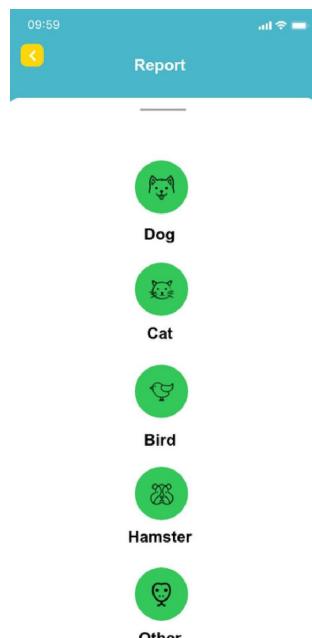
Map with Animal Reports



Reported Animal

| Q. Search |                    |
|-----------|--------------------|
|           | Top Tag            |
| Ron       | Dog • 0.2 mi >     |
| Luna      | Cat • 0.5 mi >     |
| Lucy      | Cat • 0.4 mi >     |
| Unknown   | Hamster • 2.0 mi > |
| Cinamon   | Dog • 1.1 mi >     |
| Unknown   | Bird • 5.4 mi >    |
| Body      | Dog • 4.4 mi >     |
| Unknown   | Cat • 3.0 mi >     |
| Dexter    | Bird v 0.4 mi >    |
| Coco      | Dog • 0.3 mi >     |
| Nugget    | Cat • 5.5 mi >     |
| Taco      | Dog • 0.6 mi >     |
| Lily      | Reptile • 3.4 mi > |
| Jackson   | Reptile • 1.1 mi > |
| Rose      | Cat • 0.2 mi >     |
| Chip      | Dog • 0.1 mi >     |
| Unknown   | Hamster • 2.4 mi > |

Reported Animal List



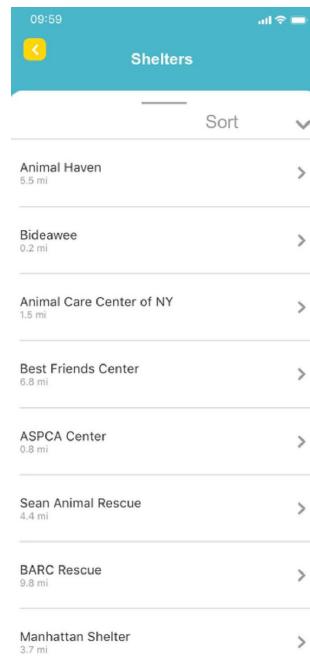
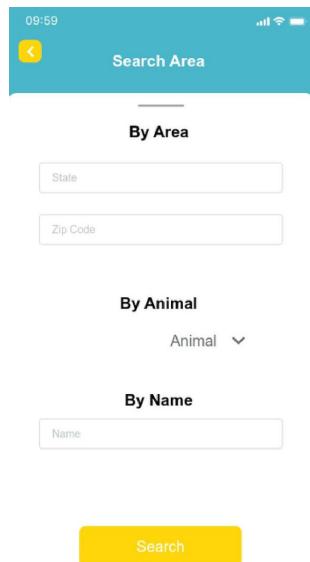
Report an Animal



Report an Animal

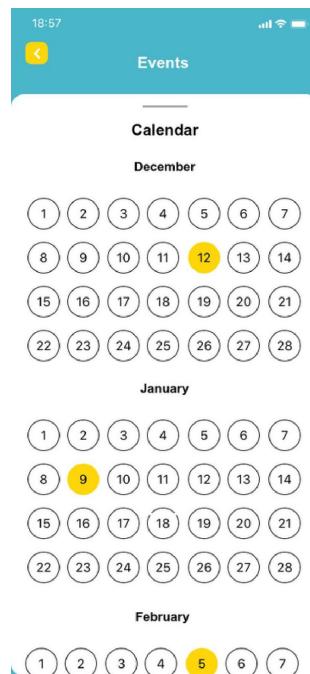
# SPOT ME

## MockUp App

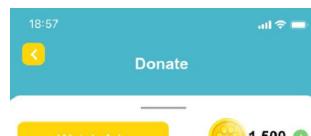


Search Animal Reports

Shelters List



Calendar of Organization's Events



Animal Legal Defense Fund

Donate

PETA

Donate

Animal Justice Project

Donate

ASPCA

Donate

Donate Page

# **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

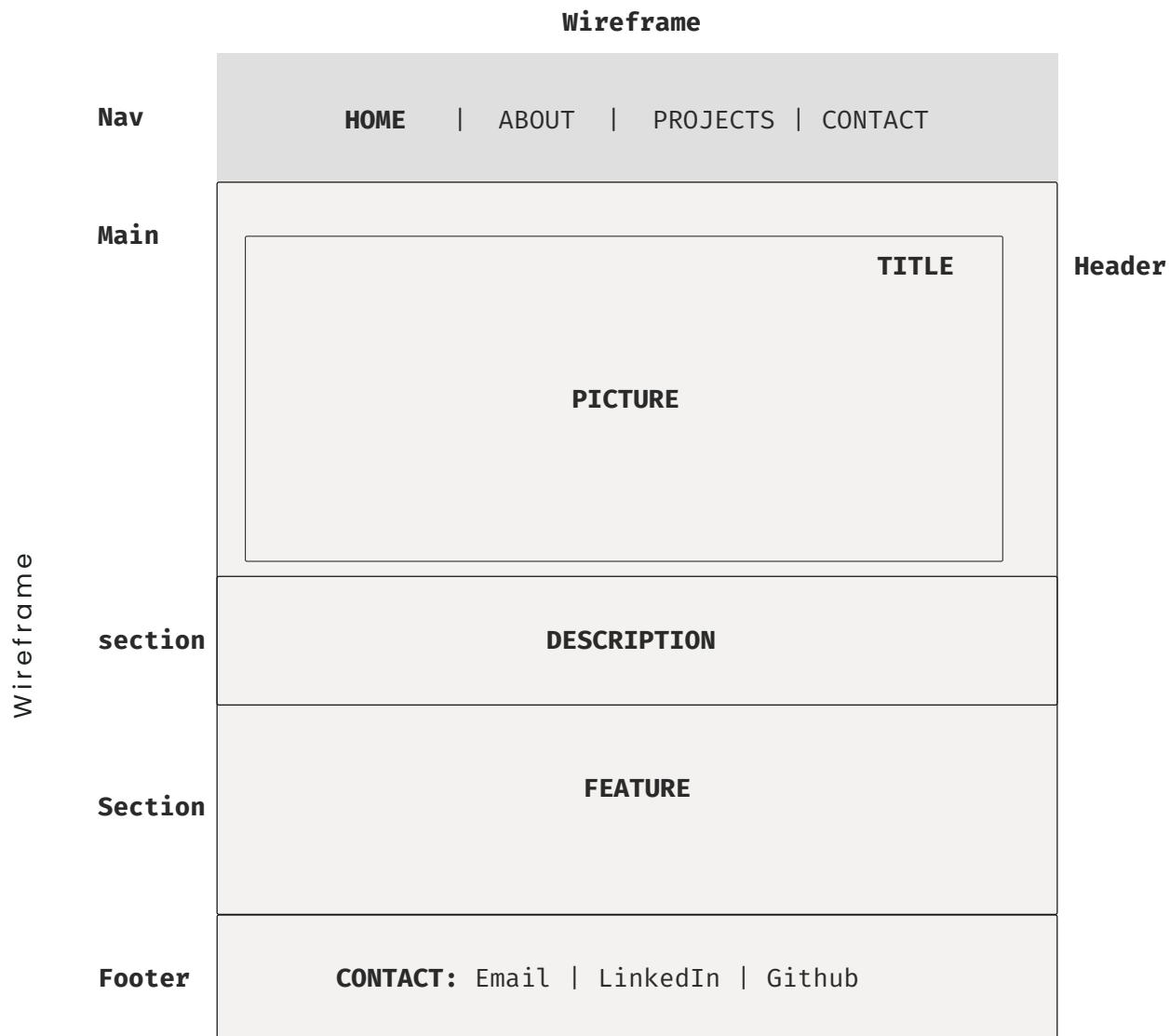
- Flexible Layout - works for different window sizes, the layout is arranged depending upon screen size.
- Side Navigation (for mobile) - to index the different pages on the screen
- Tagged Navigation - inner navigation button tagged to automatically bring the viewport to the top section
- Animations - 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



# PORTFOLIO

HTML & CSS

Desktop View

The screenshot shows a dark-themed portfolio website. At the top, there's a navigation bar with links to HOME, ABOUT, PROJECTS, and CONTACT. Below the navigation is a logo for "portfolio" with the name "YIOKLING CHU GARCIA" underneath. The main feature is a large, colorful abstract illustration of a person's face in profile, rendered in shades of pink, purple, yellow, and blue. Below the illustration, the section title "ABOUT ME" is centered. A bio text states: "I'm Yiocking, I am a Computer Science student with a minor in Graphic Design, I am currently pursuing my Bachelor's degree at Pace University. I'm interested on App Development, Software Development, Web Development and Front-End Development." A "Read More" button is located below the bio. Underneath, a section titled "DO YOU WANT TO SEE..." lists several items: "An Awsome App", "Cool Packages", "A Website", "Some Posters", and "Evolution of this website". On the left side, there are five small circular arrows pointing right. At the bottom, copyright information and social media links (Email, LinkedIn, Github) are present.

Complete Home  
Page

This screenshot shows the "About" page of the portfolio. It features a vertical timeline on the right side with three boxes: "GRAPHIC DESIGN INTERN" (June 2021 - August 2021), "STUDENT INTERN - SUMMER STEM INSTITUTE" (August 2020), and "GRAPHIC DESIGNER" (December 2020). Each box contains the company name, date, and a short description. At the top, there are sections for "SKILLS" (with icons for Adobe Creative Suite, Microsoft Office, Python, and HTML) and "OPERATING SYSTEMS" (Windows and UNIX/LINUX). The footer includes a copyright notice, social media links (Email, LinkedIn, Github), and a "TOP ▲" button.

Timeline (About Page)

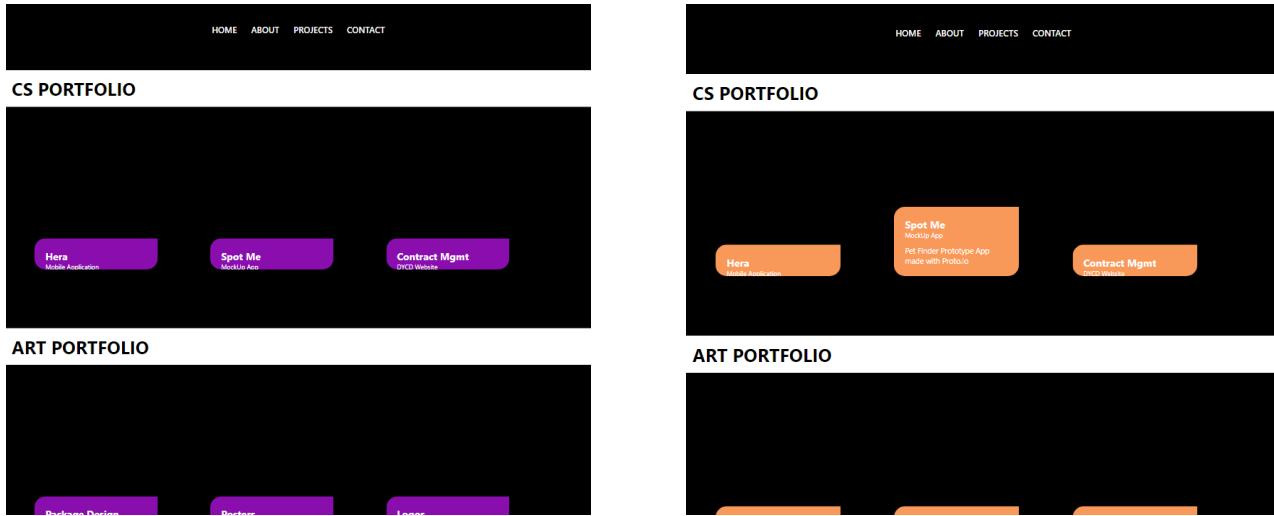
This screenshot shows the "Posters" page, which features a grid layout of six posters. The posters include: 1. "ART STYLE PRINT DESIGN TYP" (AI file). 2. "ALL OVER" (AI file). 3. "DEPRESSION" (AI file). 4. A portrait of a woman wearing a floral crown (AI file). 5. A portrait of a woman with long dark hair (AI file). 6. A stylized illustration of a flower (AI file). At the top, there's a navigation bar with links to HOME, ABOUT, PROJECTS, and CONTACT.

Grid Layout (Posters  
Page)

## Process

# PORTFOLIO

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



Phone View

The image shows a phone screen displaying the portfolio website. On the left, a vertical sidebar contains a 'Side Menu Button' (represented by a white square with a black border) and a 'Side Menu' with options: HOME, ABOUT, PROJECTS, and CONTACT. The main content area features a large, colorful abstract illustration of a face in shades of pink, purple, and blue. At the top right, the word 'portfolio' is written in a stylized font, followed by 'YIOKLING CHU GARCIA'. Below the illustration, the text 'ABOUT ME' is displayed, followed by a paragraph about the author and a 'Read More' button. Further down, the text 'DO YOU WANT TO SEE...' is followed by a button labeled 'An Awesome App'. To the right of the main content, there is a 'GET IN TOUCH' form with fields for First Name, Last Name, Email, and Message, along with a 'Send' button. At the bottom, there is a 'MY INFORMATION' section with social media links (Email: yc94652n@pace.edu, LinkedIn: yioklingchugarcia, GitHub: yiokchu) and copyright information (© Copyright 2022. All Rights Reserved.).

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

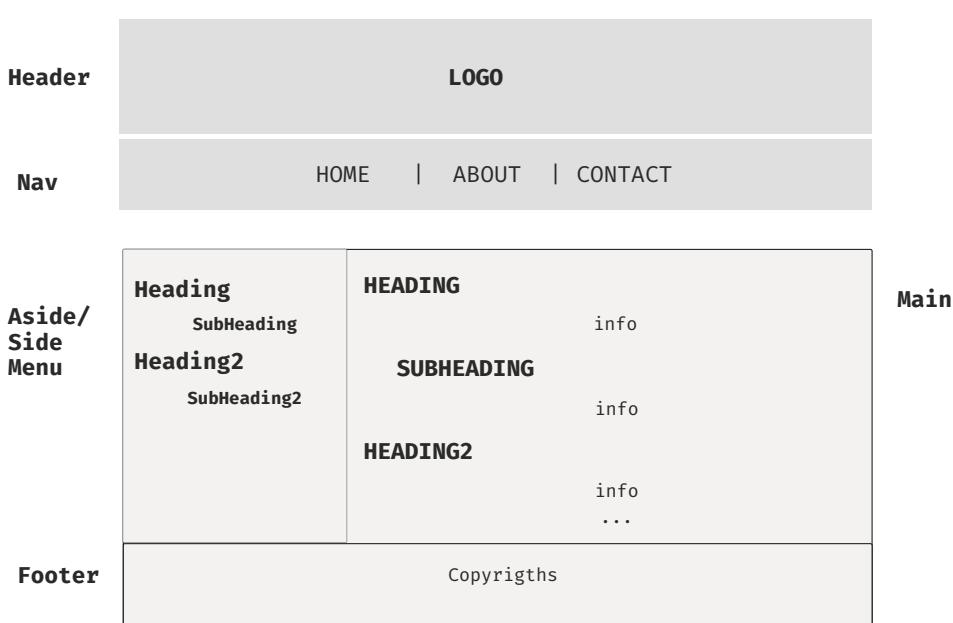
## Main Contact

Lenny Dorodney Deputy Director  
Vladimir Moldovan .Net Developer

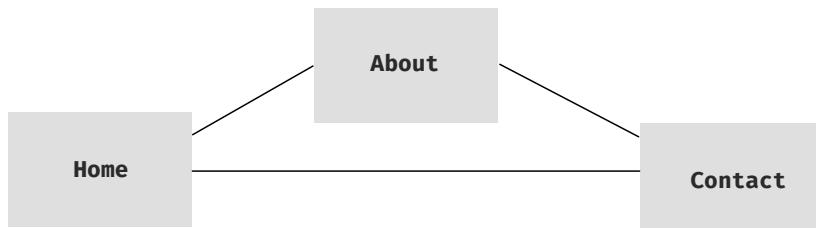
# Process

DYCD

Wireframe 1



## Site Map



**DYCD**  
CONNECT

Home      About Us      Contact Us

**About**

**About**

**Services**

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**Contact**

**Heading 2**

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**Services**

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**About**

**Services**

**Contact**

**Contact**

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# DYCD

HTML & CSS



Wireframe 2

The screenshot shows a user interface for "CONTRACT MANAGEMENT". At the top, there is a logo featuring a handshake and the text "CONTRACT MANAGEMENT". Below the logo is a blue header bar with the text "CONTRACT MANAGEMENT FAQ / HELP".

The main content area has a sidebar on the left with the following menu items:

- Home
- Main
- Search
- Operations
- Reports
- Maintenance

The "Operations" item is currently selected, highlighted in blue. The main content area displays the following text:

**Home**

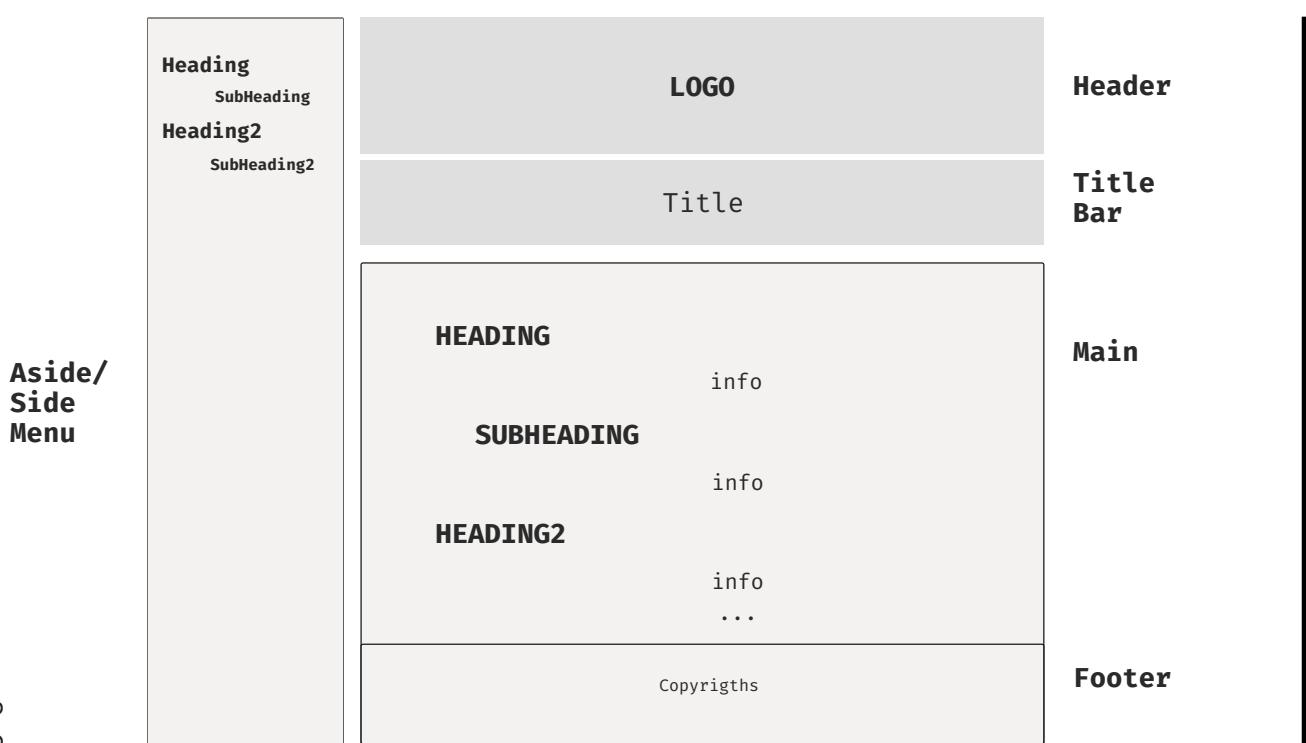
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum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

**Main**

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**Operations**

## Wireframe 3



**Home**

**CONTRACT MANAGEMENT FAQ / HELP**

**Main**

**Operations**

**CONTRACT MANAGEMENT**

**Home**

**CONTRACT MANAGEMENT FAQ / HELP**

**Main**

**Operations**

**CONTRACT MANAGEMENT**

# DYCD

HTML & CSS

## Final

- ▼ Home
- ▼ How To Apply
- ▼ Tuition And Cost

Financial Aid  
Admission Events  
Transfer Admission  
International Admission



### CONTRACT MANAGEMENT FAQ / HELP

**Home**

**Undergraduate Admissions**

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**How To Apply**

**PACE UNIVERSITY**

ABOUT PACE ▾ INFO FOR ▾ NEWS EVENTS APPLY REQUEST INFO VISIT THE PACE DIFFERENCE ACADEMICS CAMPUS LIFE ADMISSION AND AID

**THE APPLICATION PROCESS**

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

tortor i

Link 3

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Element

Mail

Purus i  
purus s  
magna  
lacus v  
Egesta:  
platea  
euismic

Link 1

ante in  
egest fe  
iaculis

Link 2

Sed vu  
donec i  
tortor i

Link 3

proin. et  
Element

▼ Home

▼ How To Apply

▼ Tuition And Cost

Cost of  
Attendance

Net Price  
Calculator

Merit Scholarship  
Estimator

Financial Aid

Admission Events

Transfer Admission

International  
Admission

Merit Scholarship Estimator

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Financial Aid

**ESSENTIAL INFORMATION**

**APPLY FOR FINANCIAL AID**

Pace University offers students as much financial assistance as possible. Financial Aid can come in many forms, including scholarships and grants, Federal work study, and student loans.

To help make college more affordable, Pace University offers a generous financial aid program to its Undergraduate and Graduate students. Financial assistance can come from many places and in many forms, including scholarships and grants, Federal work study, and student loans. The Student Solution Centers (Financial Aid and Student Accounts) on the New York and Pleasantville campus are by appointment only. Schedule your in-person or virtual consultation. Virtual appointments available during the month of January through March. Please contact the Student Solution Center at 914-472-4400 ext. 4400 or email [student.solutions@pace.edu](mailto:student.solutions@pace.edu).

**FORMS AND APPLICATIONS**

Find important forms, applications and other important Financial Aid publications below.