

Hygieia Homeopathic Clinic  
TCU Computer Science Department

Senior Design Project  
2020-2021

# Hygieia Mobile App



# Team Members



**Delaney Ochs**  
Project Manager



**Barbara Amoros**  
Tech Lead



**Steve Priest**  
Full Stack Developer



**Marko Vulovic**  
Full Stack Developer



**Trieu Truong**  
Full Stack Developer

# Our Client



**Dr. Sowmya Sridharan, N.D.,**  
Naturopathic Physician  
Founder of the Hygieia Homeopathic Clinic



# What is Homeopathy?



- A holistic natural system of medicine founded by a German physician.
- A medical system based on the belief that the body can cure itself.



# Client's Current Website



## Heal your Acid Reflux

Please enter your name and email address to download the file

First Name

Last Name

Email

[I agree to the terms of use](#)

Submit



# Goal

Design and develop a user friendly mobile app with the following features:

Search and Find  
Remedies for  
Common Conditions

Shop for Remedies  
and Natural Products

Access Hygieia's  
Social Media  
Platforms

Appointment  
Scheduling

Community Forum

Learn More and Take  
Courses on  
Homeopathy

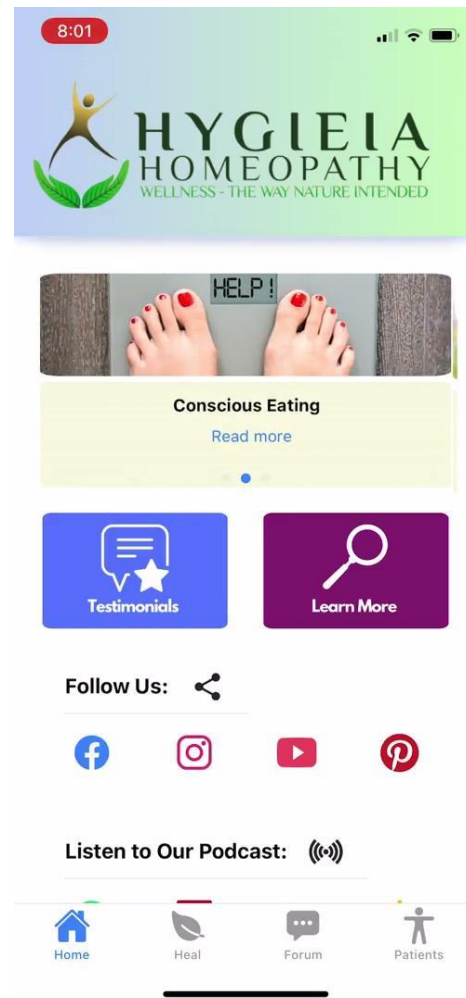
# Download our App



# Home Page

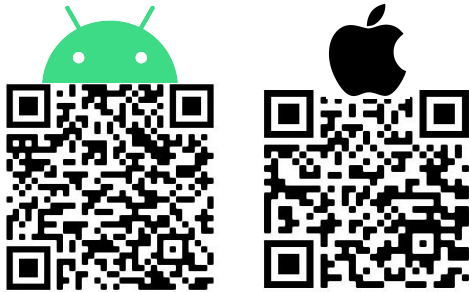


Try it out!

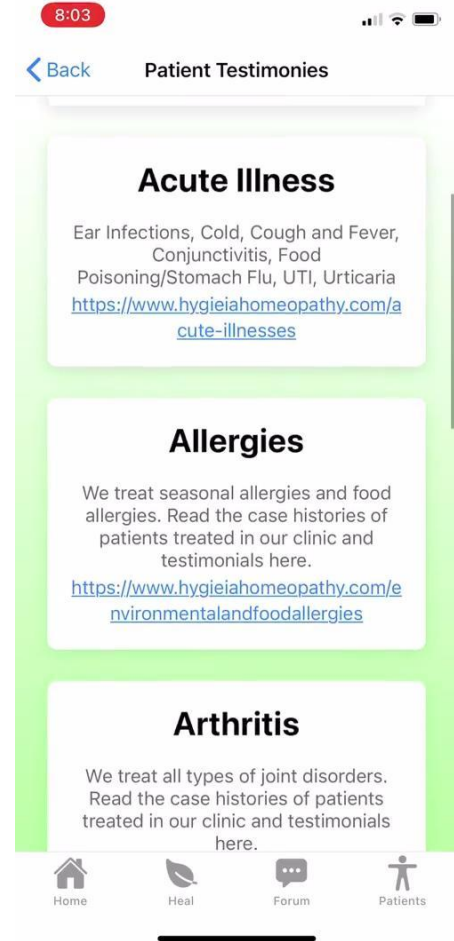




# Patient Testimonials



Try it out!



# Learn More



Try it out!

## Learn More What is neopathy?

Neopathy is a holistic natural medicine, based on the principle of "likes cure likes".

## History of neopathy

Neopathy was founded by a physician as a way to treat patients gently yet effectively.

## Learn More

[Neopathy is based on the principles of nano medicine.](#)  
[Neopathy on ADHD](#)  
[Neopathy on Vertigo](#)  
[Neopathy on Migraine](#)  
[Neopathy on Postpartum bleeding](#)

Homeopathy  
Forum  
Patients

Additional article

## Abstract

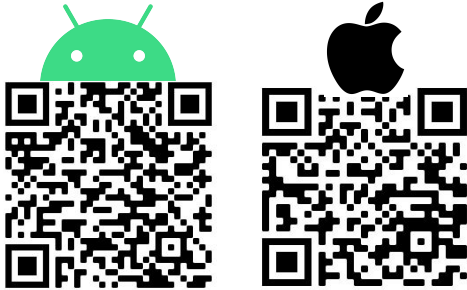
## Background

This paper proposes a new homeopathic system. Research on homeopathic remedies shows measurable solutions for heterogeneous solutions; (b) according to the function of the network (c) even systems via organic and endogenous improve system

## Discussion

The proposed homeopathic system

# Social Media



Try it out!

The screenshot shows the Instagram profile page for 'hygieiaholisticretreat.com'. At the top, the time is 11:36 and the profile name is 'instagram.com'. The profile bio reads: 'We are an integrative holistic clinic bringing the best of every system of time tested methods of natural medicine and information for a vibrant you! www.hygieiaholisticretreat.com'. The profile statistics are: 158 posts, 204 followers, and 181 following. The grid of posts includes:

- HOMEOPATHIC REMEDY FOR EAR INFECTION**: A post with a yellow background listing symptoms like ear pain after getting drenched in rain and ear pain with thick green or yellow discharge. The medicine listed is PULSATILLA 30 C.
- EASY HOME REMEDIES FOR EAR INFECTION**: A post with an orange background listing remedies like a warm steam bath and a saline nasal spray.
- FOODS THAT HELP RELIEVE EAR INFECTION**: A post with a grey background listing foods like banana, broccoli, artichokes, spinach, omega 3 fatty acids, whole raw chia seeds, and flax seeds.
- HOMEOPATHIC REMEDY FOR EAR INFECTION**: A post with a dark purple background listing symptoms like ear infection with high fever and throbbing sharp pain in the ears.
- FOODS THAT AGGRAVATE EAR INFECTION**: A post with a green background listing foods like omega 6 fatty acids, refined carbohydrates, and high sodium.
- PATIENT TESTIMONIAL**: A post with a pink background featuring a testimonial from 'Sandra'.
- HOMEOPATHIC REMEDY FOR SINUSITIS**: A post with a dark blue background listing symptoms like a stuffy nose and facial pain.
- USES OF NETI POT IN RELIEVING SINUSITIS**: A post with a light blue background explaining the benefits of a neti pot.
- HERBAL TEA TO HELP WITH SINUSITIS**: A post with a teal background listing ingredients like ginger, apple cider vinegar, and lemon juice.
- FOODS THAT HELP RELIEVE SINUSITIS**: A post with a purple background listing foods like ginger, garlic, and probiotics.

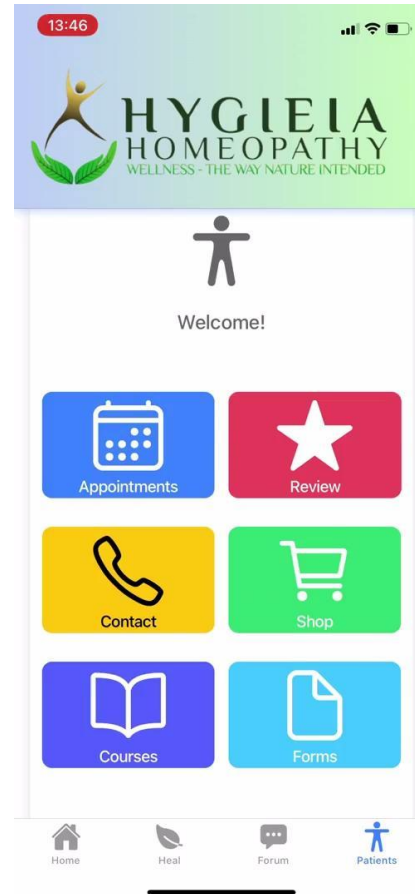
At the bottom of the screenshot, there is a banner for 'See All Posts From hygieiaclinic' with an 'Open App' button.

# Patient Dashboard

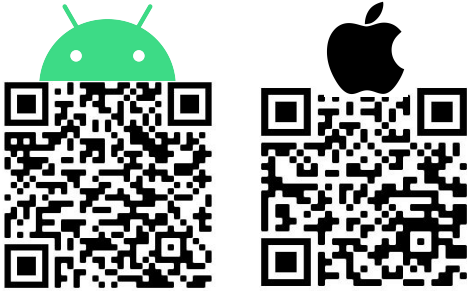
- Appointment Scheduling
- Review
- Contact
- Shop
- Courses
- Forms



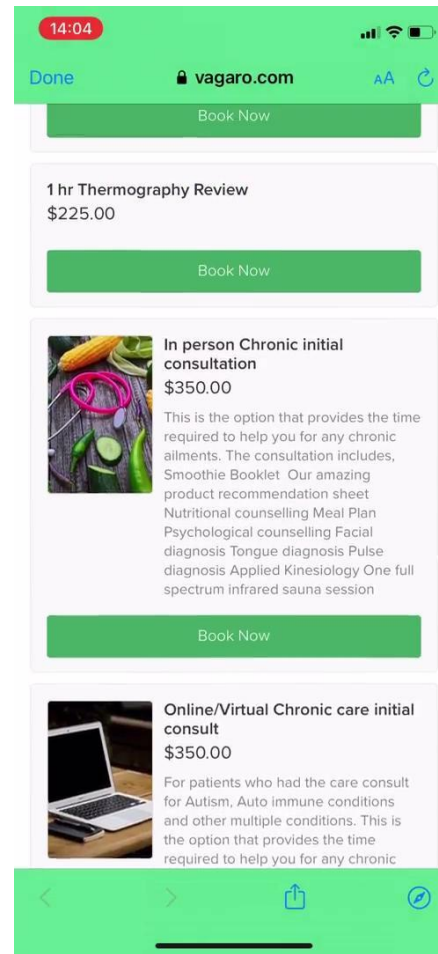
Try it out!



# Appointment Scheduling



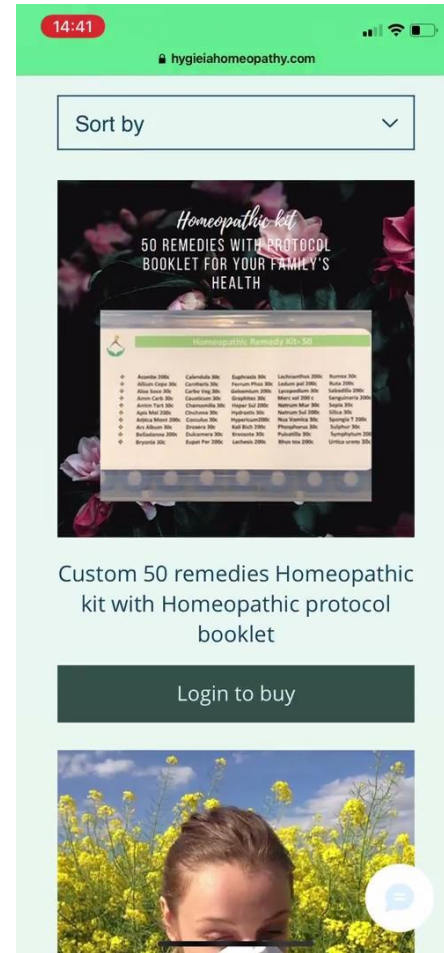
Try it out!



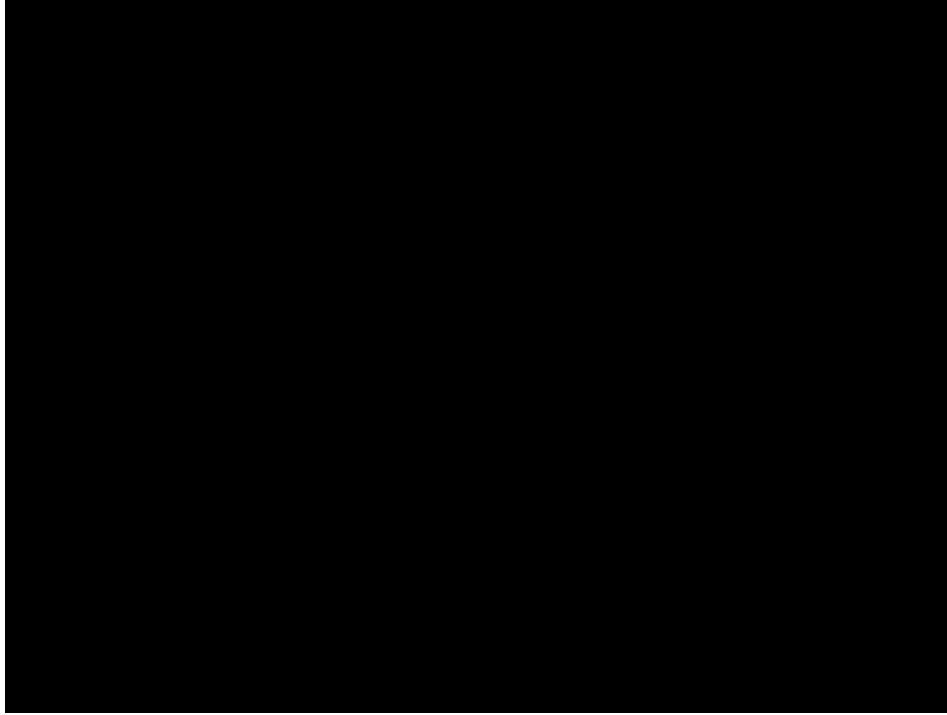
# Shop



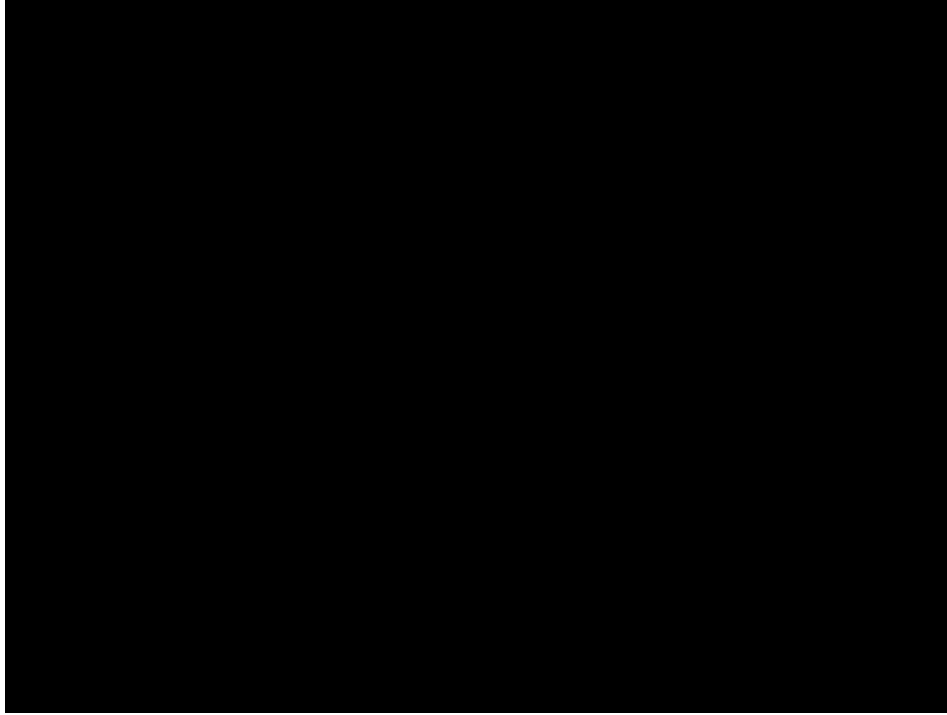
Try it out!



# Community Forum

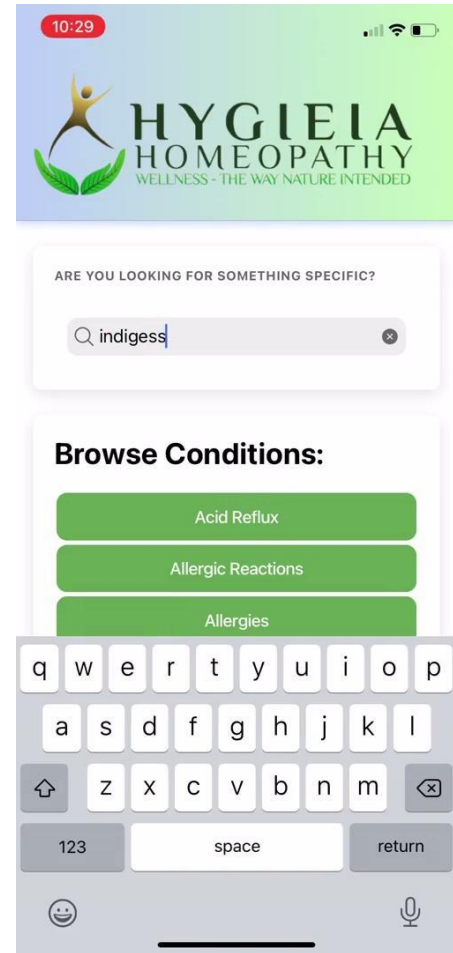


# Admin Portal





# Search for Symptoms

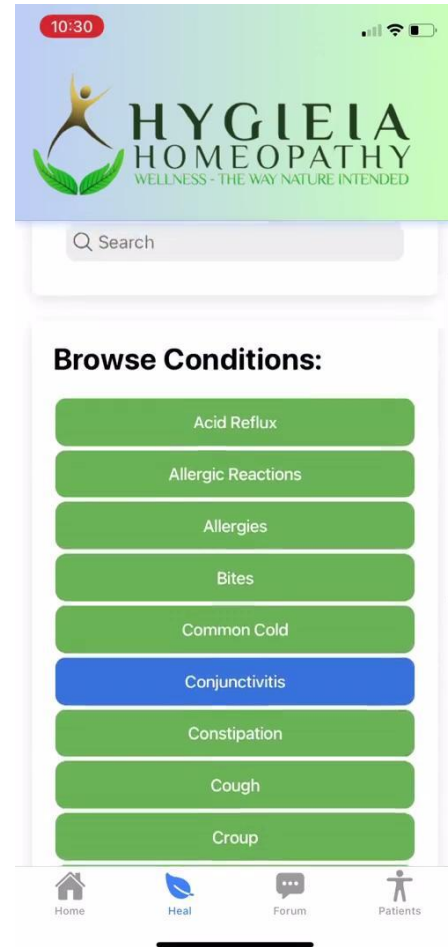


Try it out!

# Browse Conditions



Try it out!



# Technology



Firebase



Angular



Ionic

# Firebase

## Build

Firestore NoSQL  
Cloud Functions  
Authentication  
Hosting  
Cloud Storage

## Release & Monitor

App Distribution  
Crashlytics  
Google Analytics



Google Cloud

# Takeaways

Technologies: Firebase, HTML/CSS, Typescript

Communication, Time Management, Collaboration

**Questions?**