



CS40I Software Engineering & Design

# SPORTS MEDICINE WEBSITE

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# Introduction

Medical clinics, are an essential service that many individuals utilize, yet many patients in Hawai'i **struggle to find clear** and specific **information** about healthcare providers in one **centralized place**.

Project Goal: An easy-to-navigate website that **centralizes essential information** on **healthcare services**, focusing on sports medicine for those seeking specialized care.

Sport medicine services featured on Rehab Revive (i.e., our three modules):



# Modules

## Medical Imaging



Specialize in providing imaging services (e.g. X-ray, CT, MRI)

## Physical Therapy



Specialize in providing treatment to patients experiencing movement limitations or pain

## Orthopedics



Specialize in treating injuries and conditions affecting the musculoskeletal system

# Data

## Methods:

- Collected from **Google, Google Maps, Yelp**
- Clinic names, addresses, phone numbers, etc., for physical therapy, medical imaging, and orthopedic clinics in O'ahu, Hawai'i.
- Data collected by the team converted and stored in **.JSON** format.



## Moon Physical Therapy



Address: 95-1057 Ainamakua Dr, Mililani, HI 96789

Phone: (808) 657-3222

Rating: 4.9

Hours: Mon-Fri: 8AM-7PM

Head Doctor: Dr. Julie Moon

Private or Public: Private



# Technologies

Our process:

- **HTML** and **CSS** for front end developments
- **Flask** for back end and route development
- **Docker** for project accessibility
- And a combination of **Pytest** and **Postman** for unit testing



# Live Demo Time!

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