

MICHIGAN STATE
UNIVERSITY

Beta Presentation

PACE

The Capstone Experience

Team PACE

Ryan Aljaari
Serena Brown
Arnav Deol
Shuja Husain
Kunal Kale
Ivy Nguyen

Department of Computer Science and Engineering
Michigan State University



*From Students...
...to Professionals*

Fall 2025

Project Overview

- PACE is a government-funded program of all-inclusive care for the elderly in Southeast Michigan.
- Problem: Contract data is not widely accessible and difficult to maintain for PACE employees.
- Solution: A mobile/web application with search engine and AI chatbot interface, focused on accessibility for all users.

Team Member's Technical Tasks

Technical Tasks Assigned

- Ryan Aljaari
 - Dockerized Project
 - Postgresql Database Schema
 - Provider, Clinics & Dialysis Imports
 - Vendor Form Update, Delete, and Add Ability
- Serena Brown
 - Search Page Filtering
 - User Management Functionality
 - Forgot Password Functionality
 - Mobile Compatibility
 - UI/UX
- Shuja Husain
 - Integrated Authentication Process
 - Import and Export Database Content
 - Mobile Search Map Functionality
 - Setting Up Render and Cloud Hosting
- Kunal Kale
 - Set Up Initial Logic & Infrastructure for Search Page
 - Chatbot RAG Integration
 - Docker Performance Integration
- Ivy Nguyen
 - Chatbot Front End & History UI
 - Chatbot Conversational Logic
 - Testing Chatbot Scenarios and Error Handling
 - Location Filtering Functionality
- Arnav Deol

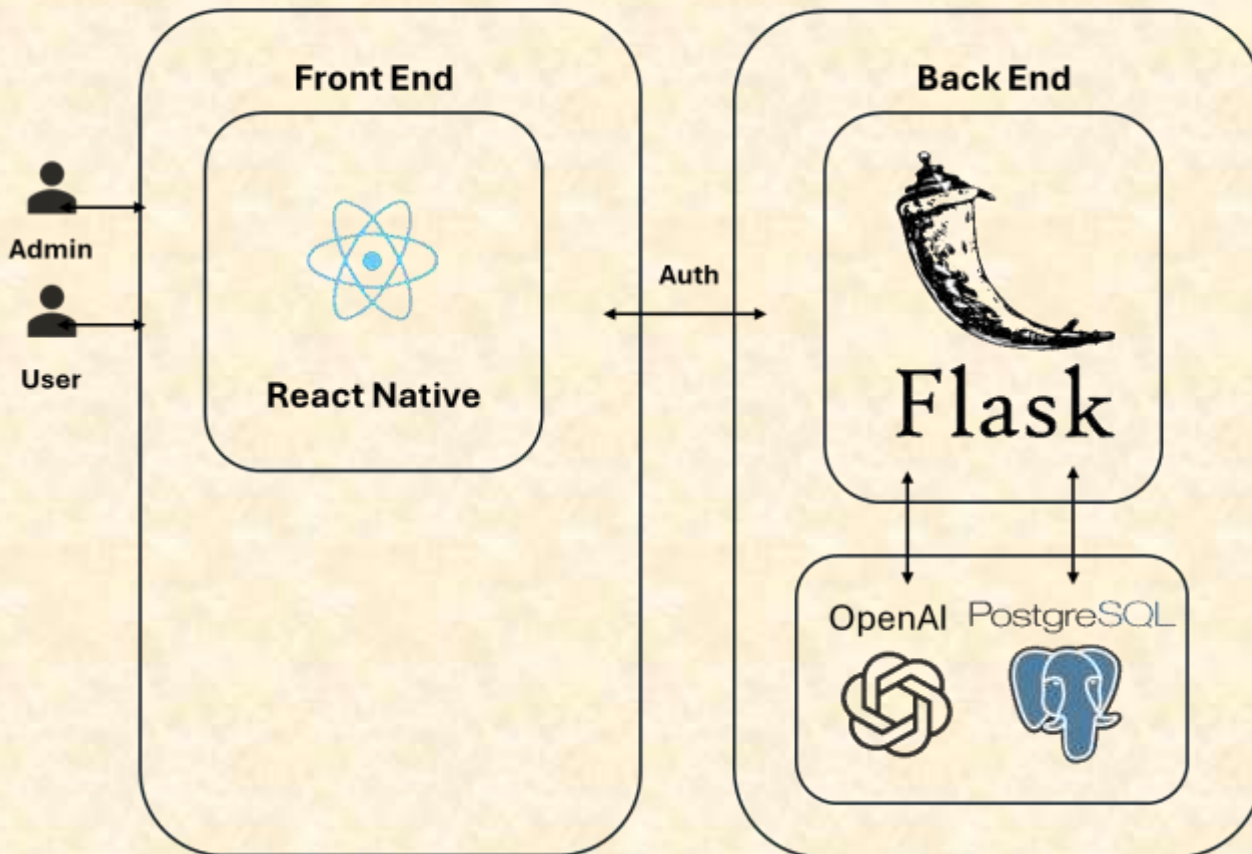
Technical Tasks Completed

- Ryan Aljaari
 - Dockerized Project
 - Postgresql Database Schema
 - Provider, Clinics & Dialysis Imports
 - Vendor Form Update, Delete, and Add Ability
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System Architecture

Infrastructure Layer



render



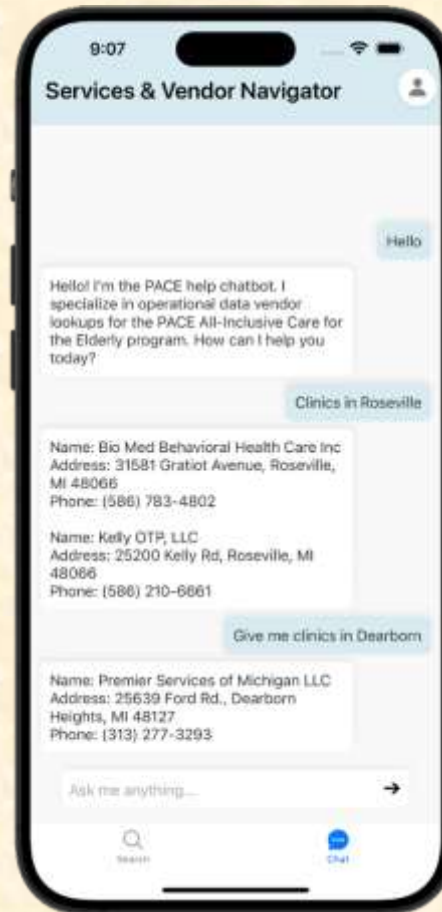
User Management

The screenshot shows a web application titled "Services & Vendor Navigator" with a URL of `pacesemi.org/vendor-navigator/user-management`. The interface includes a search bar, filters for "All Roles" and "All Locations", and a table of users. The table has columns for Full Name, Email, Role, Location, and Actions. The users listed are Admin, Aljaari, Ryan, Brown, Charlotte, Chen, Olivia, Clark, Benjamin, Davis, Amelia, Gonzalez, Mia, Hall, William, and Johnson, Emma.

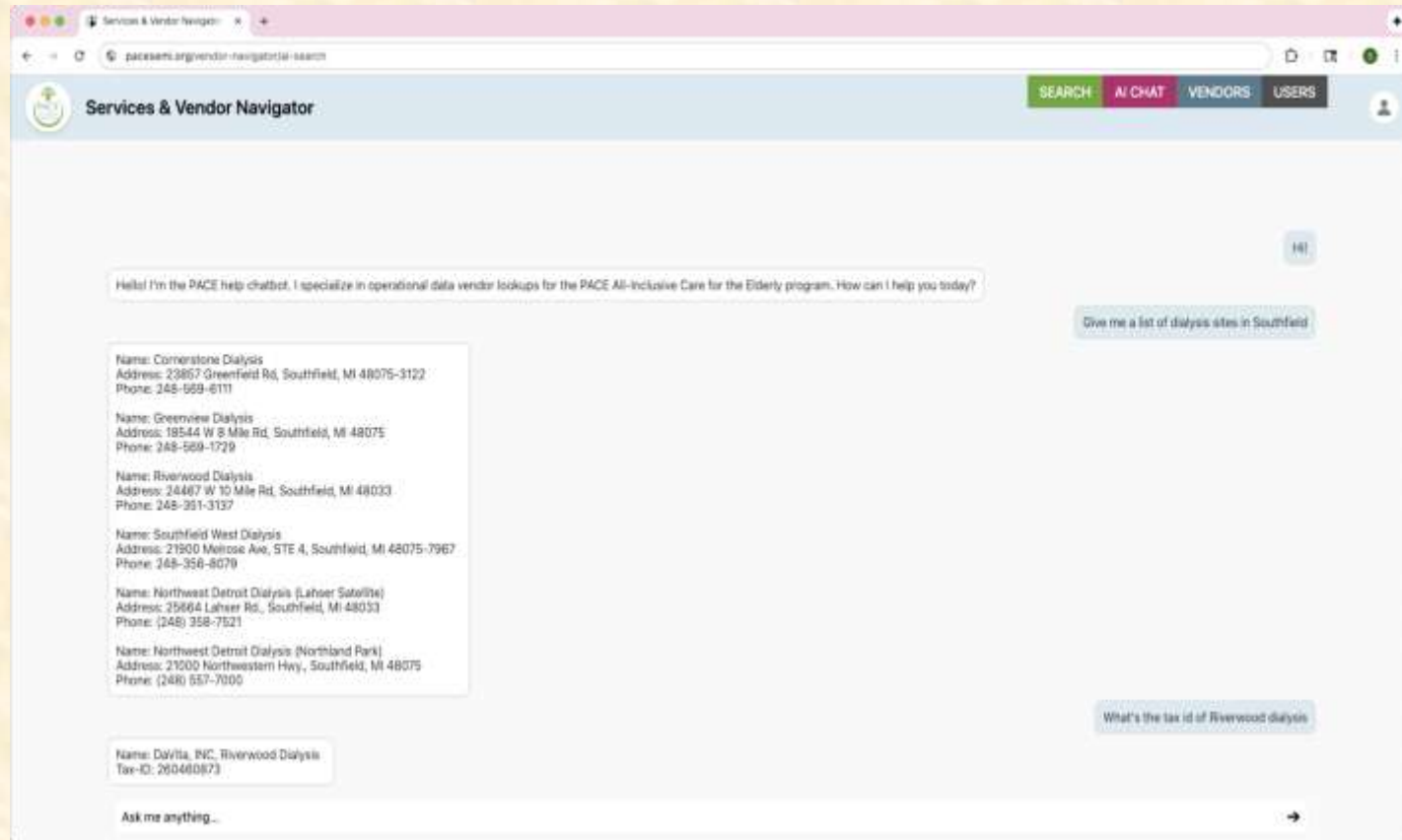
Full Name ▲	Email	Role	Location	Actions
Admin	admin@gmail.com	Admin	N/A	
Aljaari, Ryan	rijaari@pacesemi.org	User	N/A	
Brown, Charlotte	charlotte.brown@pacesemi.com	User	Sterling Heights - STH	
Chen, Olivia	olivia.chen@pacesemi.com	Admin	Pontiac - PTC	
Clark, Benjamin	benjamin.clark@pacesemi.com	User	Clinton Township - CLT	
Davis, Amelia	amelia.davis@pacesemi.com	Admin	Detroit - DTR	
Gonzalez, Mia	mia.gonzalez@pacesemi.com	Admin	Southfield - SFD	
Hall, William	william.hall@pacesemi.com	User	Pontiac - PTC	
Johnson, Emma	emma.johnson@pacesemi.com	User	Southfield - SFD	



Chatbot on Mobile



Chatbot on Desktop



Vendor Search

The screenshot shows a web application titled "Services & Vendor Navigator" with a search bar and filters on the left, and a list of 91 search results on the right. The search bar contains "I'm searching for *". The filters include "Providers", "Title", "MD", "Specialty", "Internal Medicine", and "Practice or Group Name", with "Henry Ford Hospital" selected under the last filter. The search results are sorted by "A-Z" and display 10 results per page. Each result card includes the provider's name, address, phone number, and a circular icon with a number inside.

Services & Vendor Navigator

SEARCH AI CHAT VENDORS USERS

I'm searching for *

Providers

Title

MD

Specialty

Internal Medicine

Practice or Group Name

Henry Ford Hospital

91 results Sort By: A-Z

Provider Name	Address	Phone Number	Specialty
Aaron Salem, MD	2799 W Grand Blvd, Internal Medicine B-15, Detroit, MI 48202	800-823-8088	Internal Medicine
Abigail L. Entz, MD	2799 W Grand Blvd, K15, Detroit, MI 48202	800-438-7535	Internal Medicine
Adeela Mushtaq, MD	2708 W Grand Blvd, Detroit, MI 48202	313-215-2650	Internal Medicine, Hospice and Palliative Medicine
Alexis C. Haftka-George, MD	2799 W Grand Blvd, K15, Detroit, MI 48202	800-438-8888	Internal Medicine
Allison I. Hochstetler, MD	2799 W Grand Blvd, Detroit, MI 48202	313-816-2822	Internal Medicine
Aliza Rizwan, MD	2708 W Grand Blvd, Internal Medicine Hospitals - CTF 417, Detroit, MI 48202	313-816-2833	Internal Medicine
Amanda A. Najor, MD	2708 W Grand Blvd, Detroit, MI 48202	313-215-2650	Internal Medicine
Amenda Su, MD	2820 W Grand Blvd, Detroit, MI 48202	305-438-7535	Internal Medicine, Gastroenterology
Andrew H. Bissonette, MD	2799 W Grand Blvd, Detroit, MI 48202	313-816-1945	Internal Medicine, Critical Care Medicine, Emergency Medicine
Anitha Kompally, MD	2799 W Grand Blvd, Internal Medicine Hospitals - CTF 417, Detroit, MI 48202	313-816-2833	Internal Medicine
Anupama A. Goyal, MD	1 Ford Place, Family Medicine - 2L, Detroit, MI 48202	800-438-8988	Internal Medicine
Anupama S. Naik, MD	2799 W Grand Blvd, K15, Detroit, MI 48202	800-438-7535	Internal Medicine
Baljinder S. Gill, MD	2799 W Grand Blvd, Internal Medicine Hospitals - CTF 417, Detroit, MI 48202	313-816-2833	Internal Medicine
Bashar Alkhawari, MD	2799 W Grand Blvd, Internal Medicine Hospitals - CTF 417, Detroit, MI 48202	313-816-2833	Internal Medicine
Chaitanya Lingam, MD			
Chakrudum Dike, MD			



What's left to do?

- Features
- Stretch Goals
 - Expand Pinpoint Map Feature
- Other Tasks
 - Bug Fixes
 - AI Error Handling

Questions?

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