



Alpha Presentation

AI Services and Vendor Navigator

The Capstone Experience

Team PACE

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

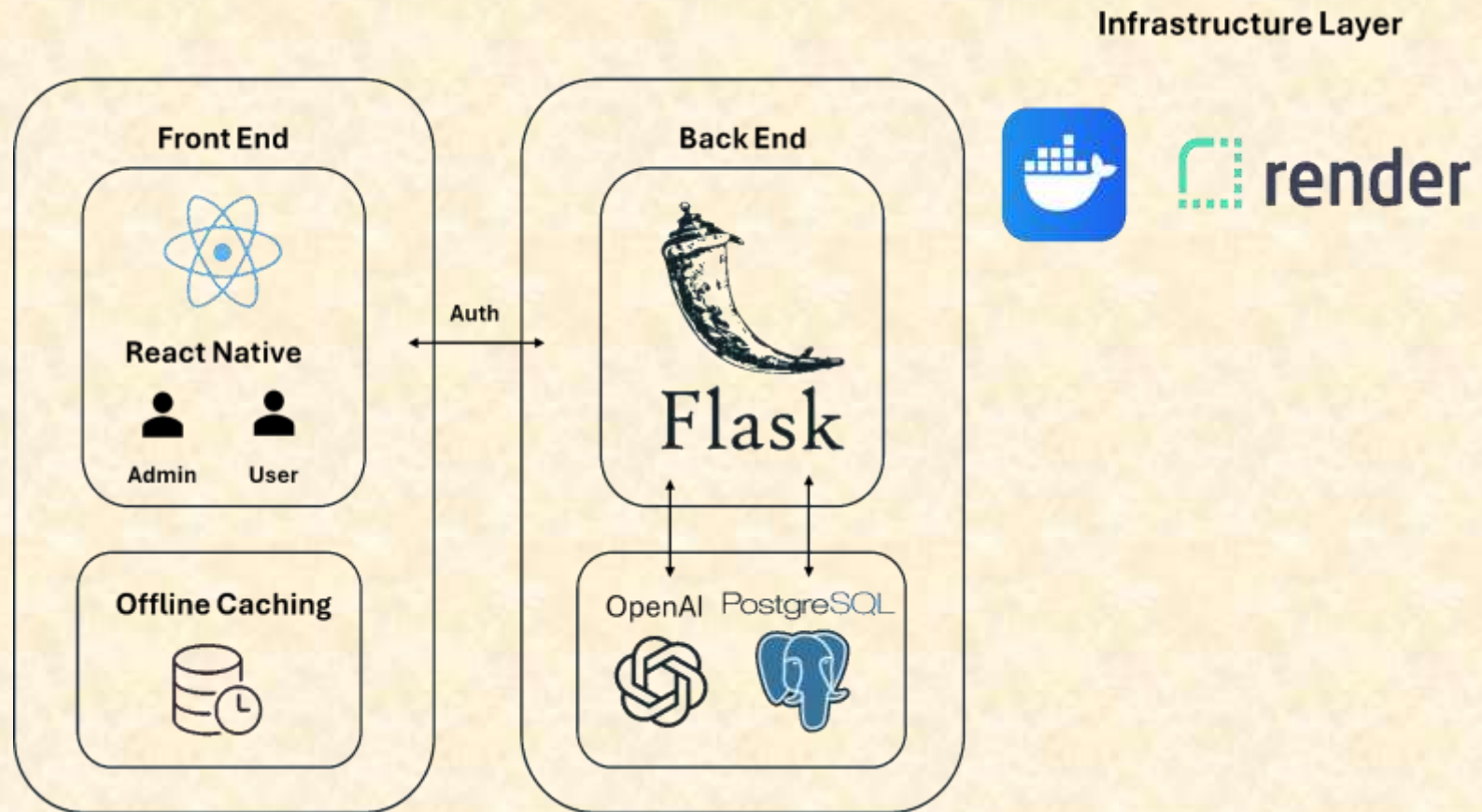
Fall 2025

Project Overview

- PACE is a government-funded program of all-inclusive care for the elderly in Michigan aged 55 and older
- Problem: PACE handles a lot of staff inquiries about vendor information, creating a bottleneck impacting participant care quality
- Solution: A mobile/web application powered by AI to quickly help employees get the information they need based on inputs provided



System Architecture



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 navigation bar with buttons for "SEARCH", "AI SEARCH", "VENDORS", and "USERS". Below the navigation bar, there is a "Manage Users" section with a search bar and filters for "Role", "Status", and "Location". A table lists the following users:

Full Name	Email	Status	Role	Location	Actions
Olivia Chen	olivia.chen@pacesemi.com	Active	Admin	Pontiac, MI	[Edit] [Delete]
Marcus Rivera	marcus.rivera@pacesemi.com	Inactive	Administrative Assistant	Sterling Heights, MI	[Edit] [Delete]
Sophia Patel	sophia.patel@pacesemi.com	Active	Field Nurse	Eastpointe, MI	[Edit] [Delete]
Daniel Kim	daniel.kim@pacesemi.com	Pending	Social Worker	Macomb, MI	[Edit] [Delete] [Approve]
Emma Johnson	emma.johnson@pacesemi.com	Active	Driver	Southfield, MI	[Edit] [Delete]
Liam O'Connor	liam.oconnor@pacesemi.com	Active	Admin	Dearborn, MI	[Edit] [Delete]
Ava Thompson	ava.thompson@pacesemi.com	Active	Administrative Assistant	Westland, MI	[Edit] [Delete]



Vendor Search

The screenshot shows a web browser window with the URL `pacesemi.org/vendor-navigator/search`. The page title is "Services & Vendor Navigator". The navigation bar includes links for "SEARCH", "AI SEARCH", "VENDORS", and "USERS". A user profile icon is visible in the top right corner.

On the left side, there is a search filter panel with the following fields:

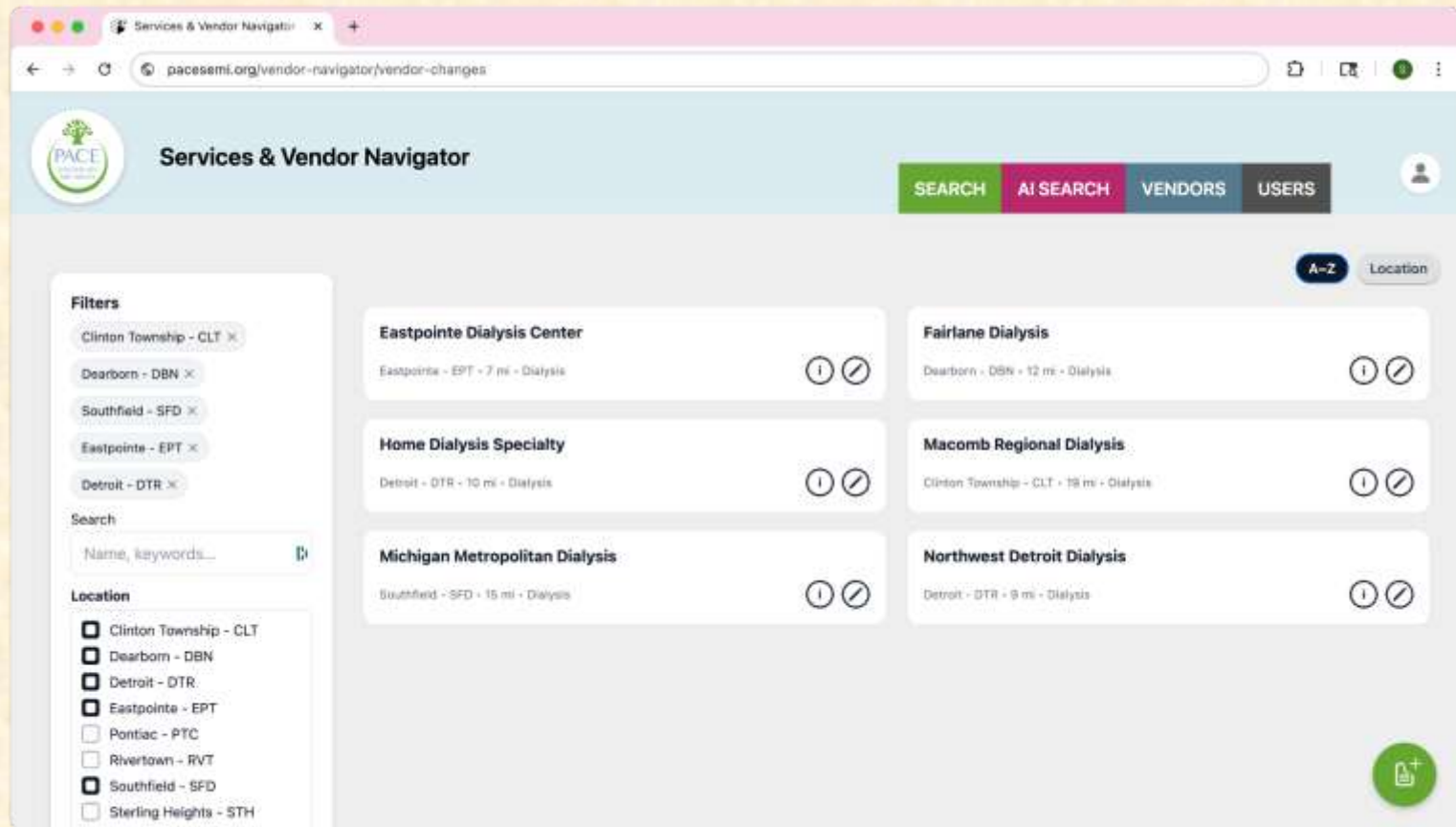
- I'm searching for ***: A dropdown menu with "Dialysis Centers" selected.
- Search**: A text input field with the placeholder "Name, keywords...".
- PACE Location**: A dropdown menu with "Any" selected.
- Specialty**: A dropdown menu with "Dialysis" selected.
- Max Distance (mi)**: A text input field with the value "4.5".
- Submit**: A dark blue button.

On the right side, there are two tabs: "A-Z" (selected) and "Distance". Below these tabs, there is a grid of search results for dialysis centers, each with an information icon (i) to its right:

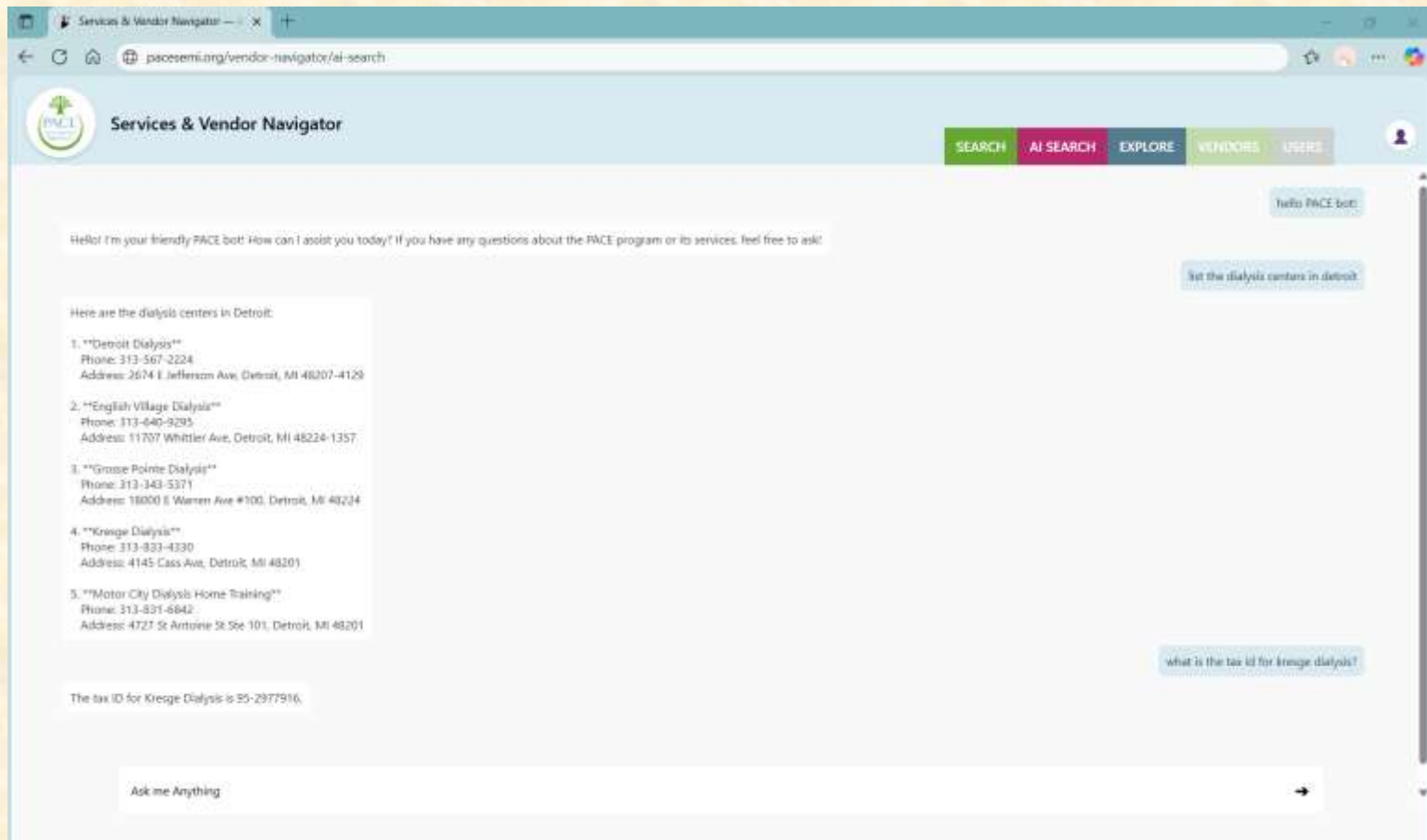
- Eastpointe Dialysis Center**: Eastpointe, MI • 1.6 mi
- Fairlane Dialysis**: Dearborn, MI • 1.7 mi
- Home Dialysis Specialty Center**: St. Clair Shores, MI • 2 mi
- Macomb Regional Dialysis Center**: Clinton Township, MI • 3.1 mi
- Michigan Metropolitan Dialysis**: Berkly, MI • 4.4 mi
- Northwest Detroit Dialysis**: Detroit, MI • 2.3 mi



Vendor Updates



AI Chatbot



What's left to do?

- Implement offline caching
- Insert admin ability to modify/upload table data
 - Mass updates/adds
 - Single updates/adds
- Test web and mobile in production environment
 - Beta Testers within PACE
- Further Improve AI through more rigorous testing
- Search Page Improvements
 - Map Hyperlinks, Location Filtering
 - Connect Remaining Data
 - Displaying related data
- Admin Page



Questions?

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