MICHIGAN STATE UNIVERSITY

Alpha Presentation

Faith-Based Community Medical Database

The Capstone Experience

Henry Ford Innovations

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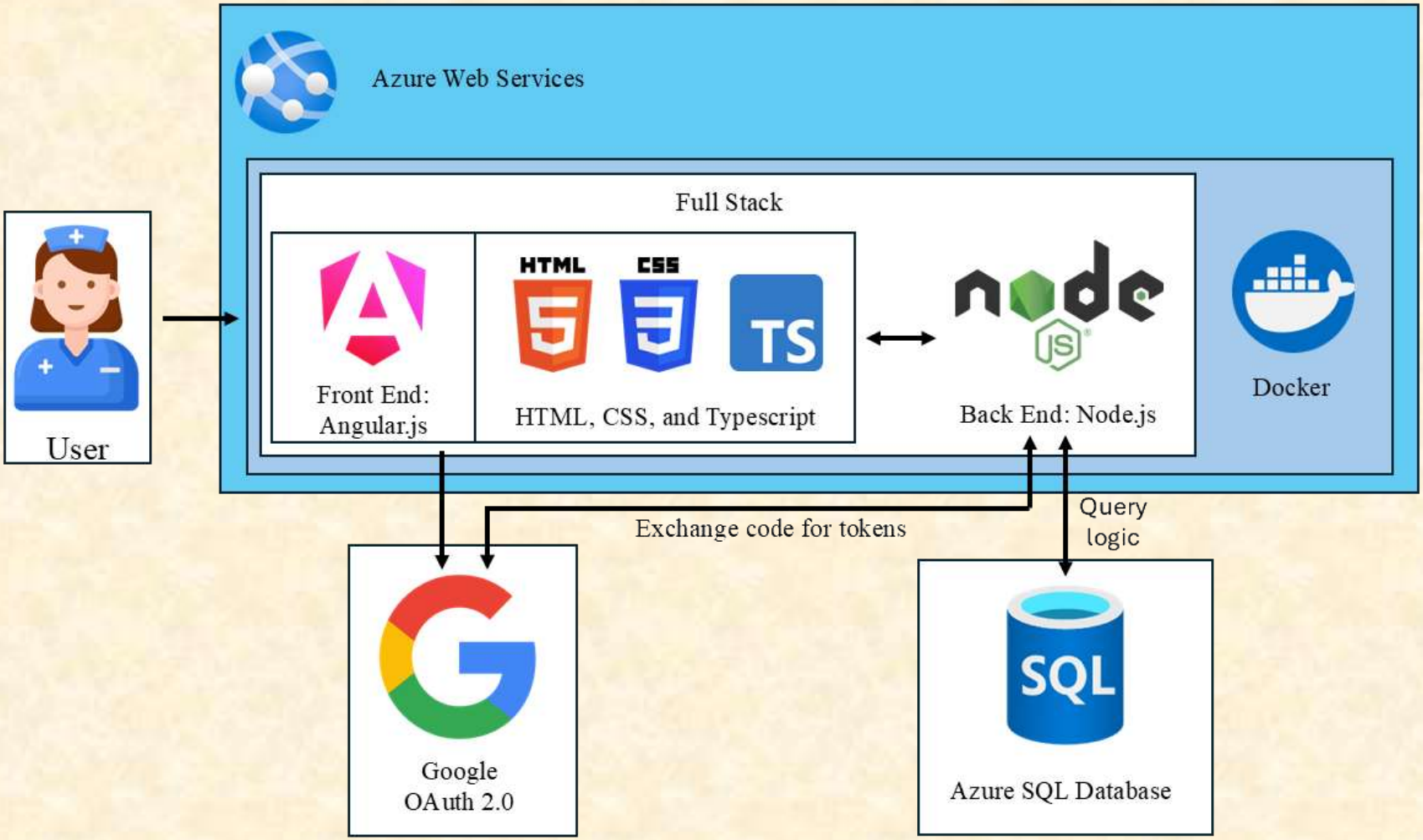
Spring 2026

From Students…
…to Professionals

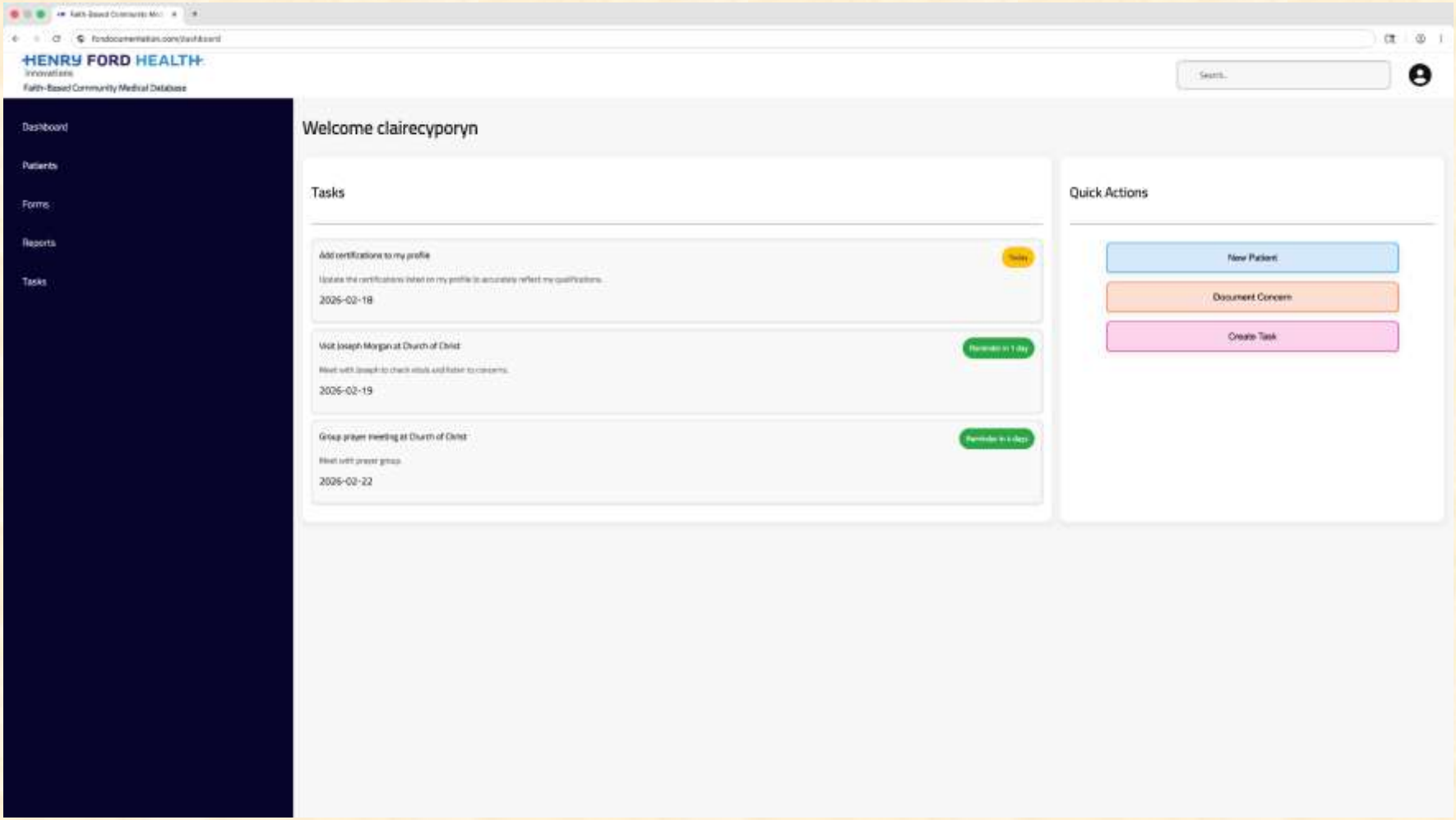
Project Overview

- The current system is nearly 20 years old and facing retirement. It cannot keep up with modern security standards or workflow efficiency.
- A web application using a modern design for ease of use for FCN nurses to document patient data, create tasks, and set reminders.
- Includes security protocols implemented at every level.
- Our system furthers the institutional goals of HFH with the FCNN to provide better overall care to patient in need.

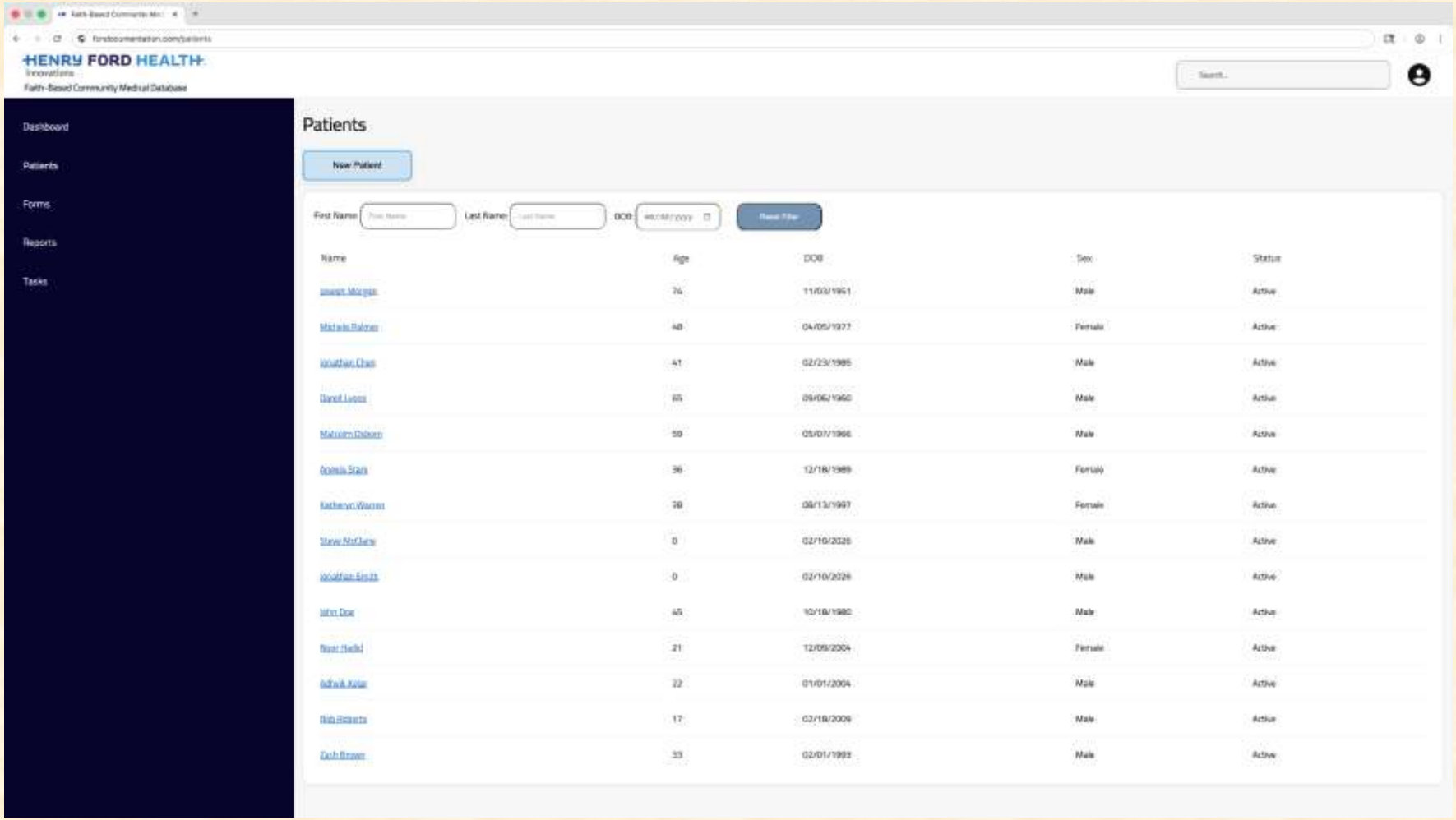
System Architecture



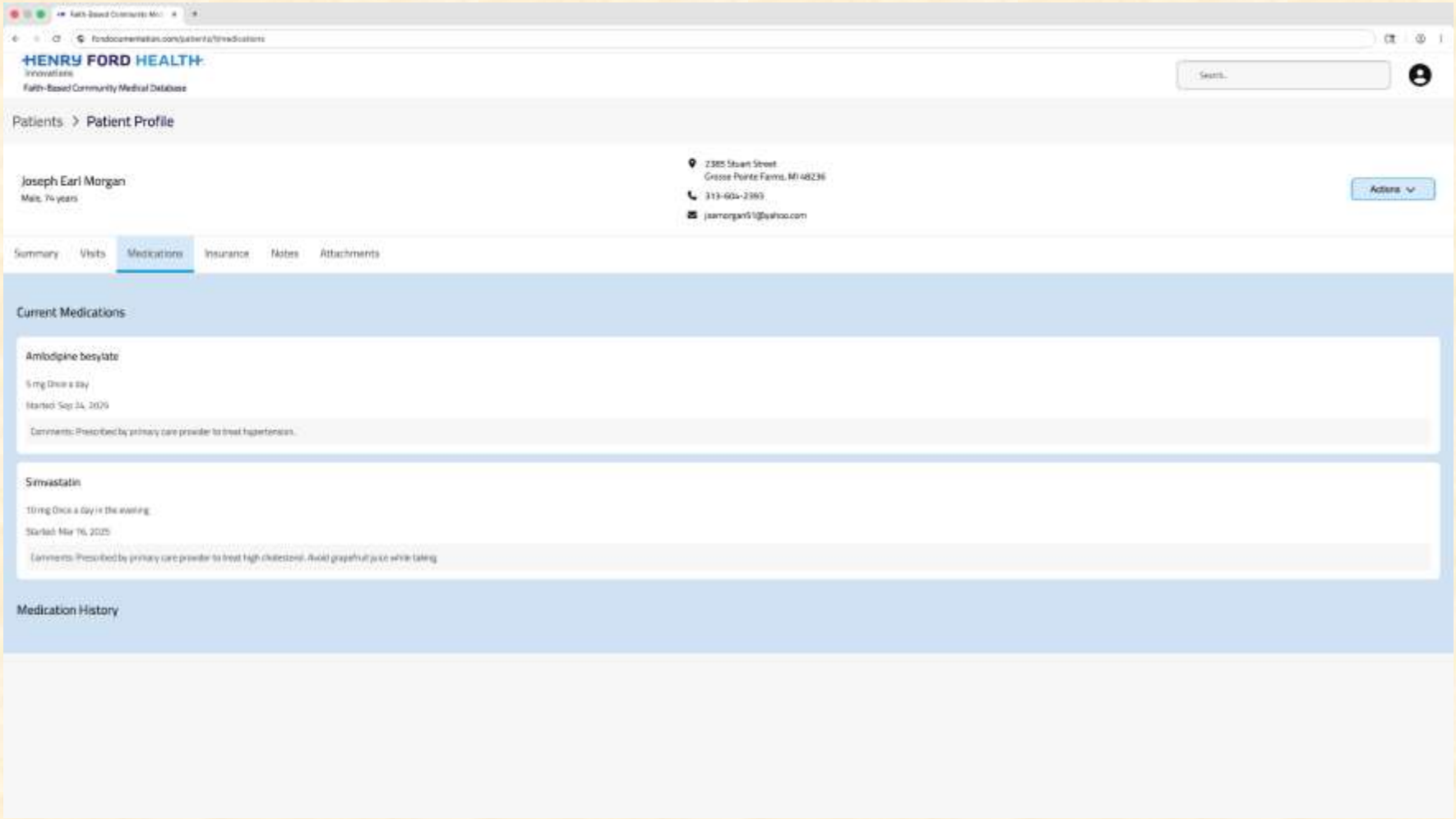
Dashboard


HENRY FORD HEALTH
Innovations
Faith-Based Community Medical Database
Dashboard
Patients
Forms
Reports
Tasks
Welcome clairecyporyn
Tasks
Add certifications to my profile
2026-02-18
Visit Joseph Morgan at Church of Christ
2026-02-19
Group prayer meeting at Church of Christ
2026-02-22
Quick Actions
New Patient
Document Concern
Create Task

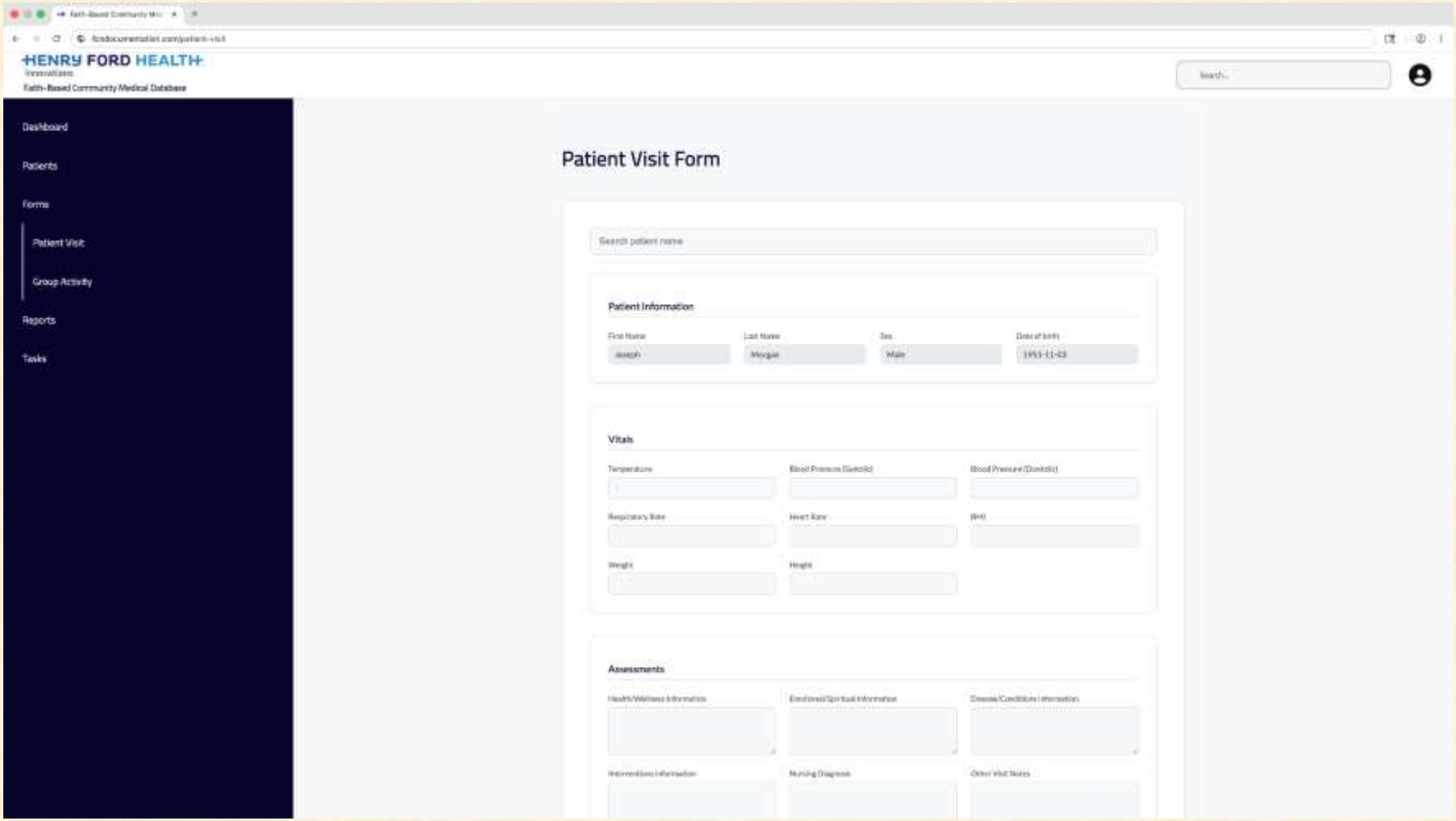
Patients Page



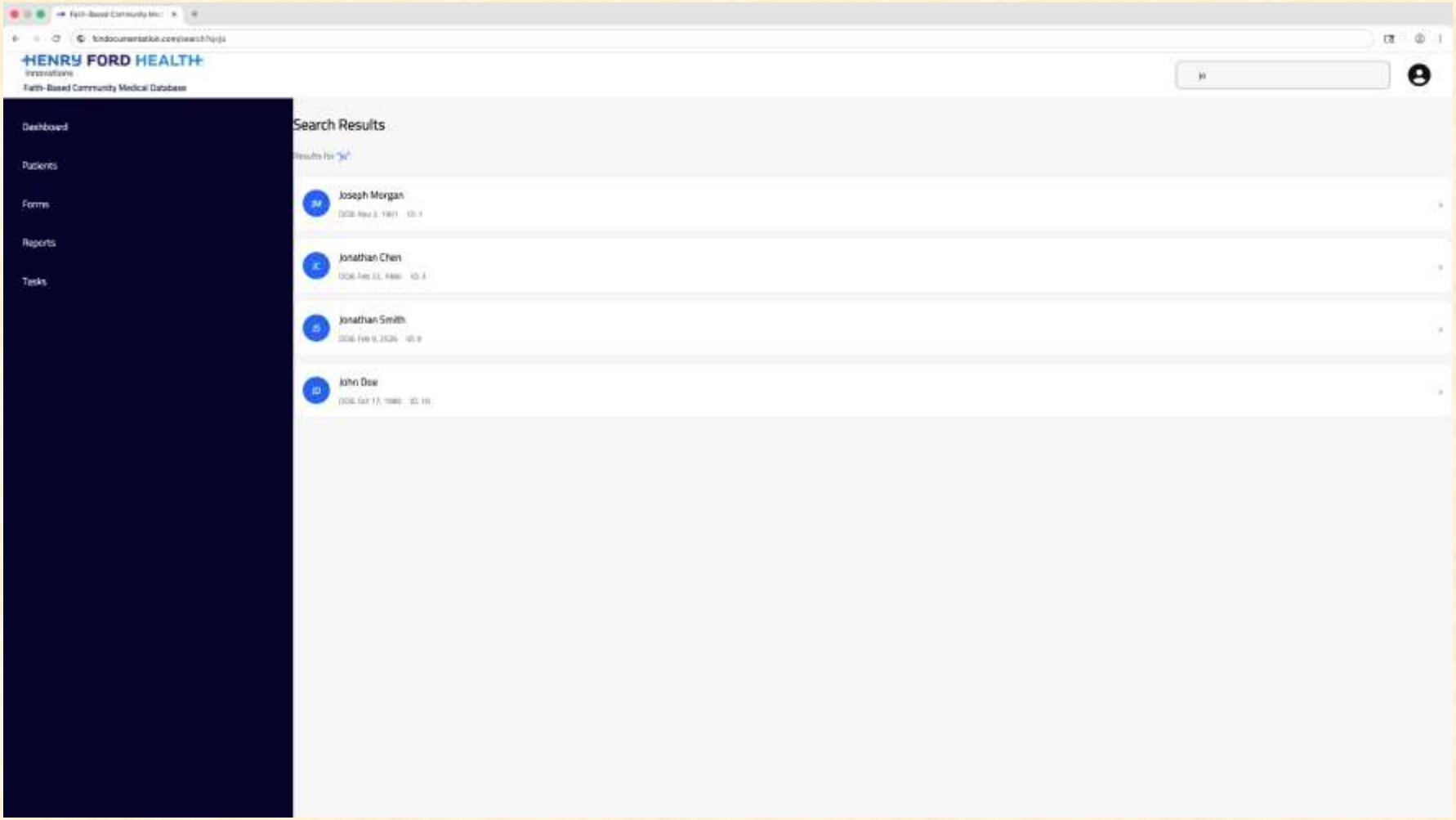
Patient Profile



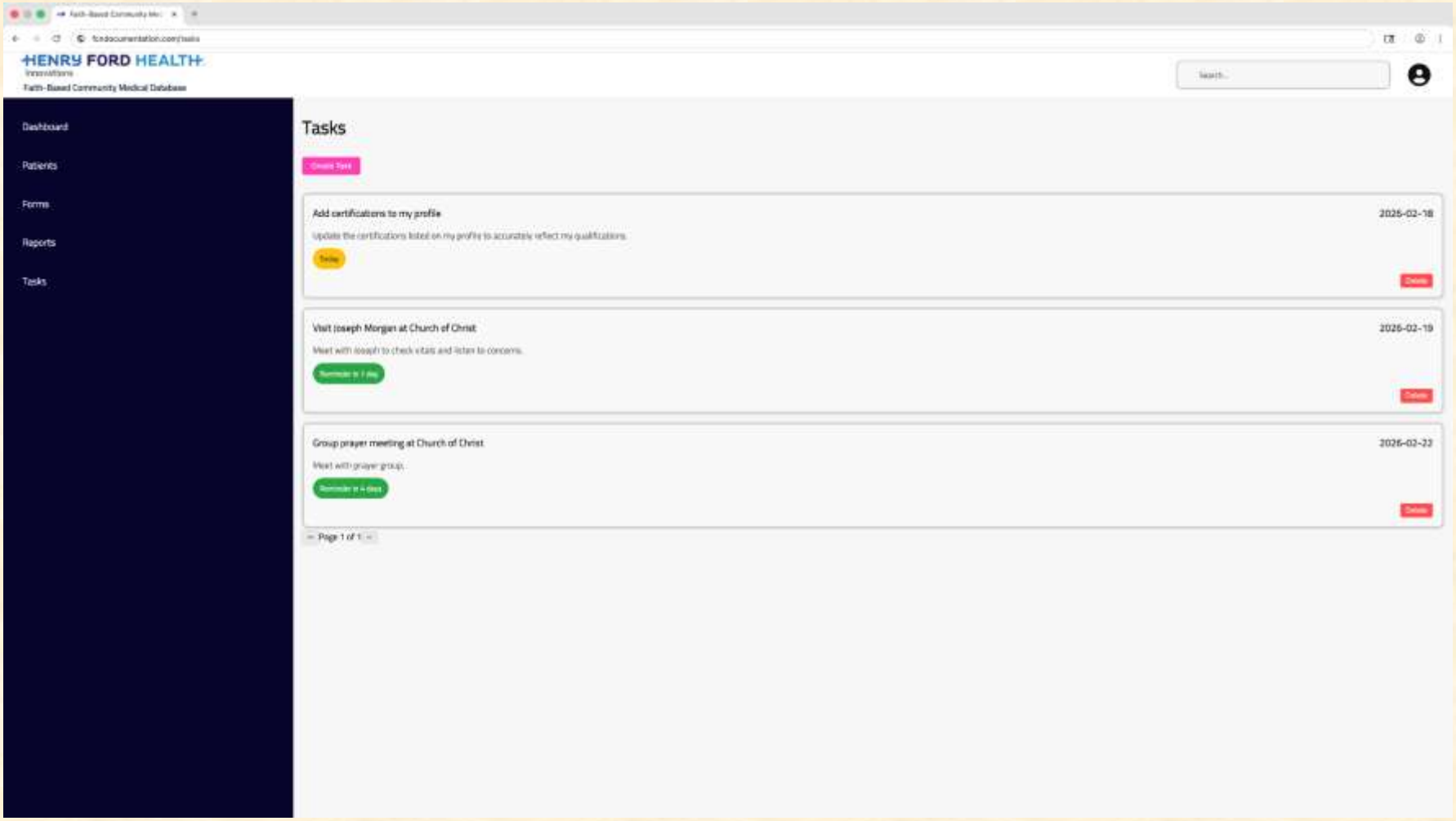
Patient Visit Form



Search Feature



Tasks Page


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What's left to do?

- Implement patient report generation
- Containerize and host application
- Customizable design for different communities
- Image upload system
- Implement notes, attachments, insurance, and allergies pages in the patient profile
- Set up notifications for priority tasks
- Assign patients to nurses

Questions?

