MICHIGAN STATE UNIVERSITY

Alpha Presentation

AI Tool for Enhancing Medical Education

The Capstone Experience

Team Corewell Health

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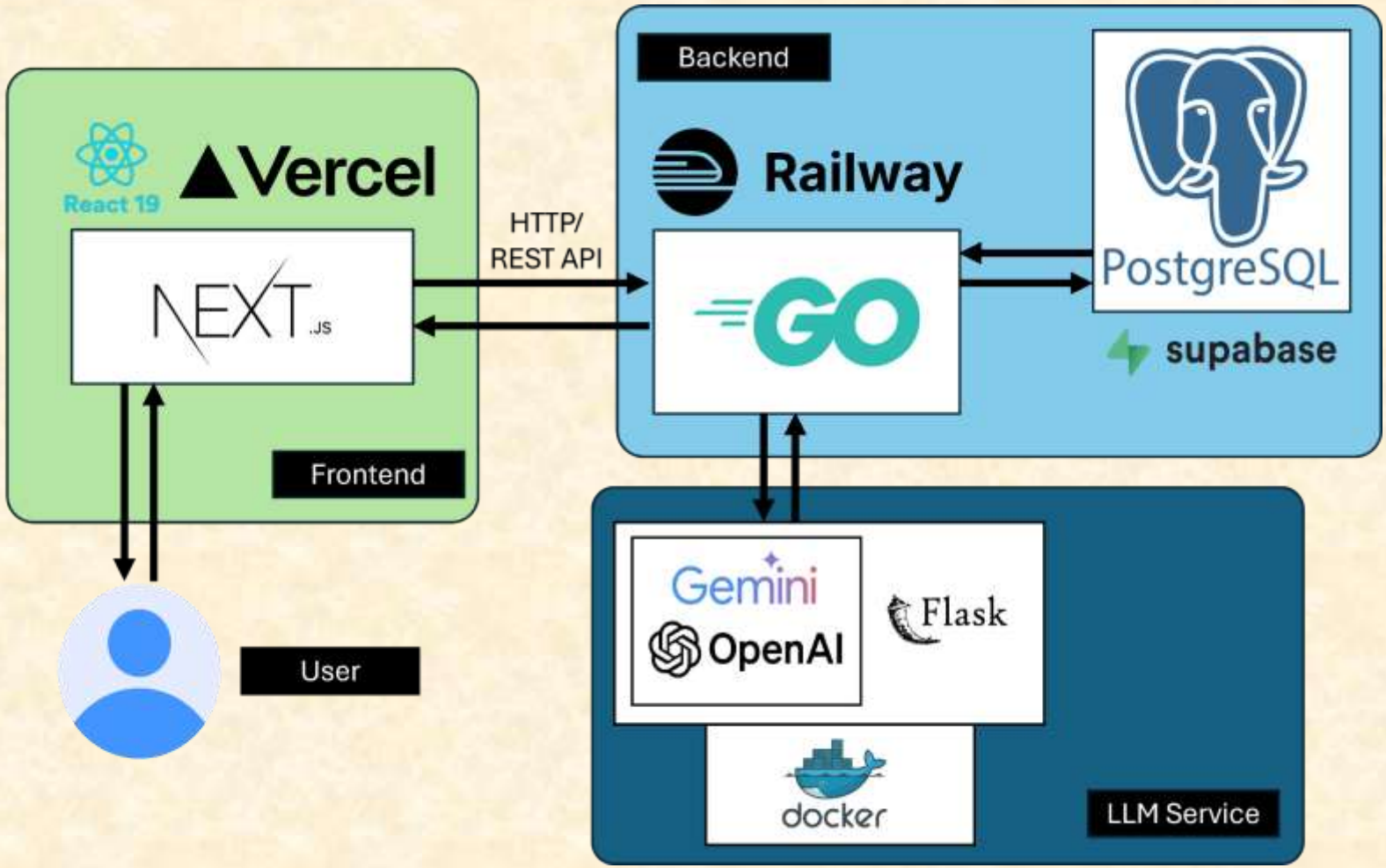
Spring 2026

From Students…
…to Professionals

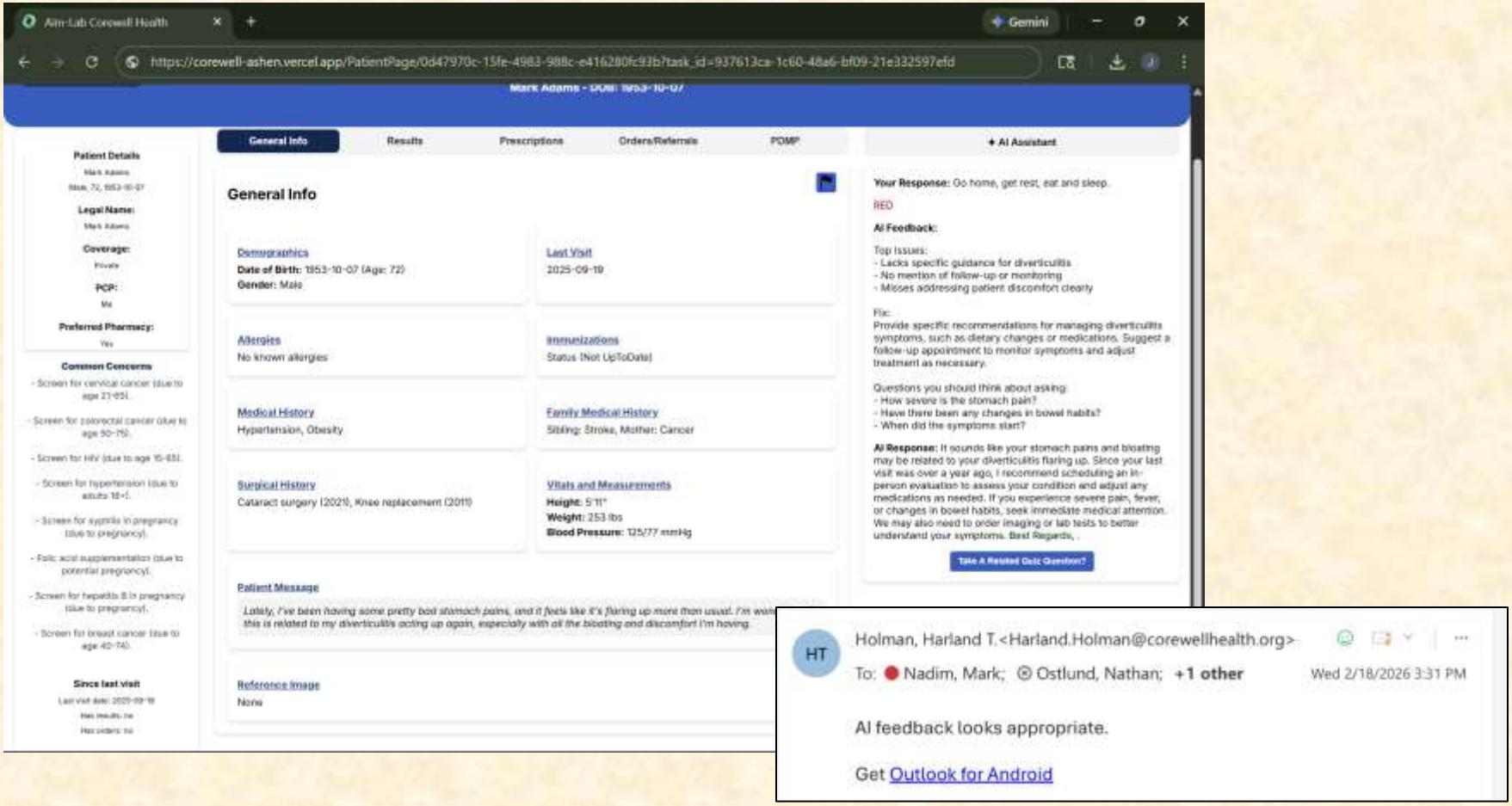
Project Overview

- Web application that simulates Electronic Health Records(EHR).
- Utilizes AI to generate medical cases and messages from patients and staff members.
- Provides AI-driven feedback on student's responses and procedures.
- Contains an updated analytics dashboard and direct database access from UI.

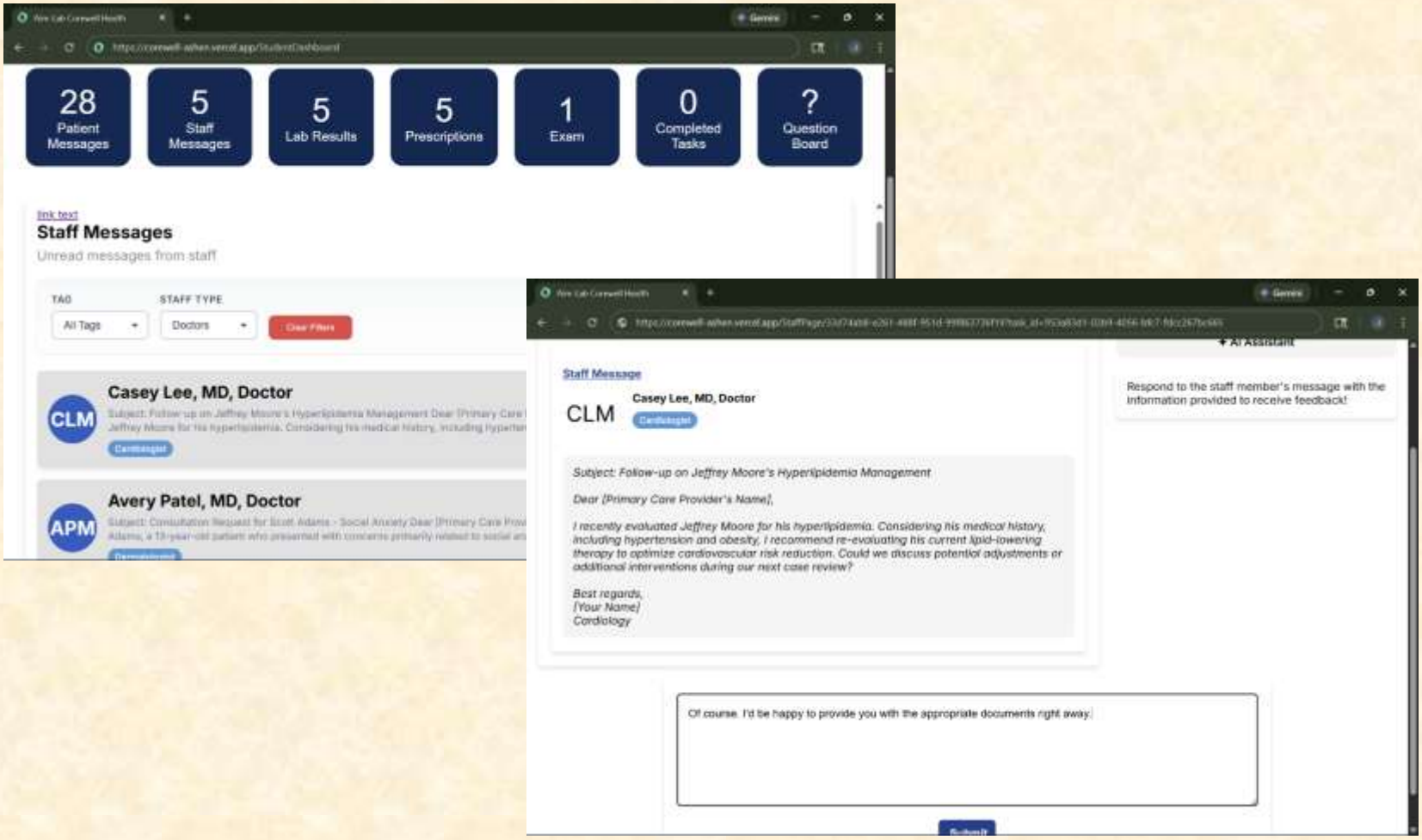
System Architecture



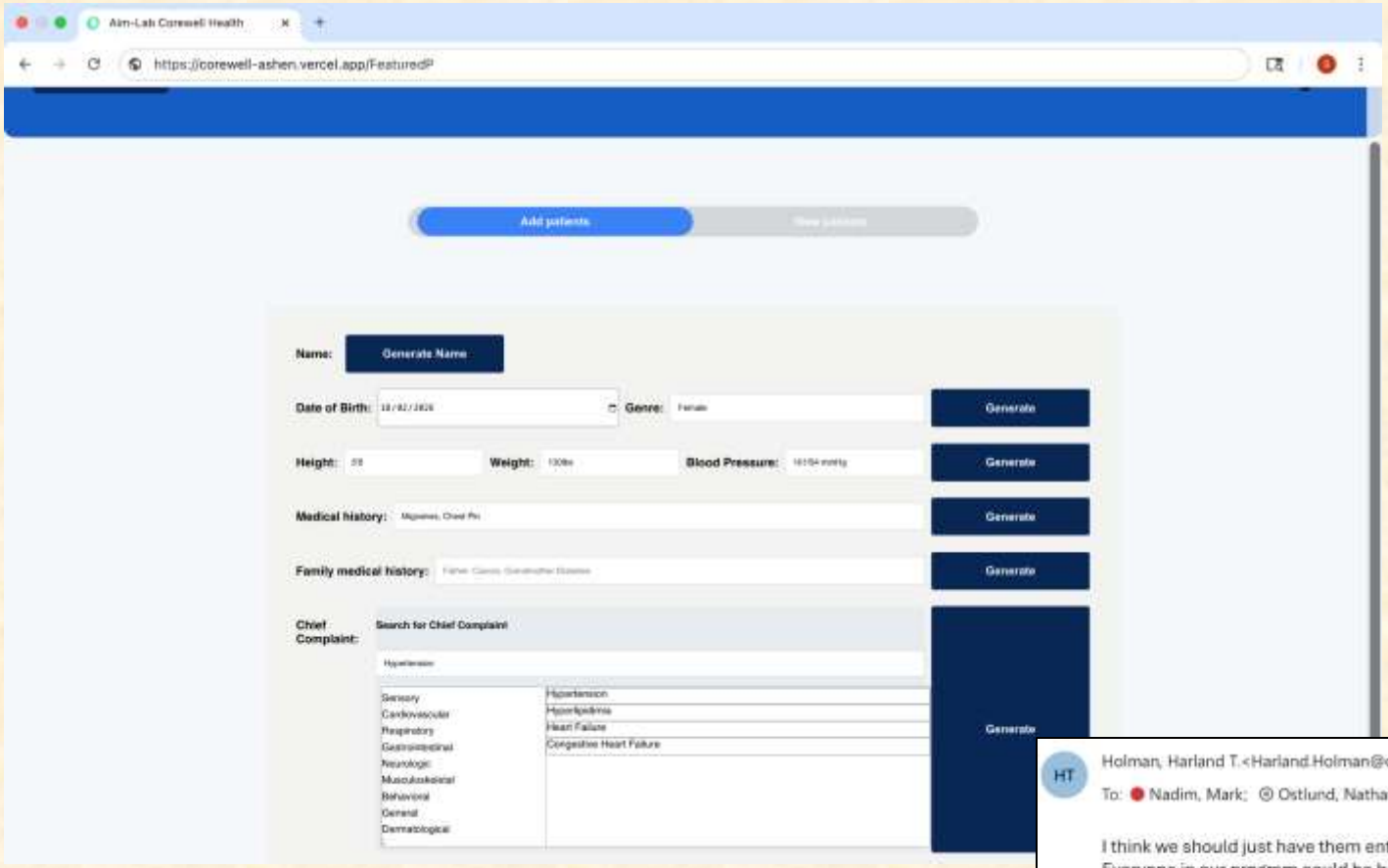
Patient Details

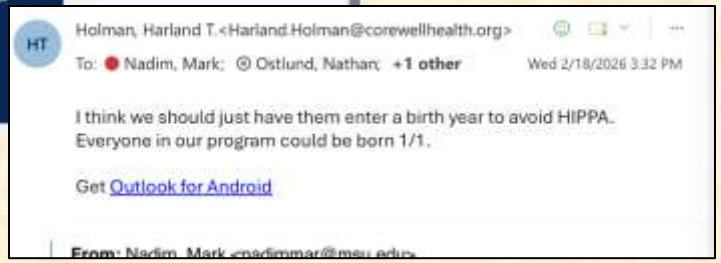


Staff Messages

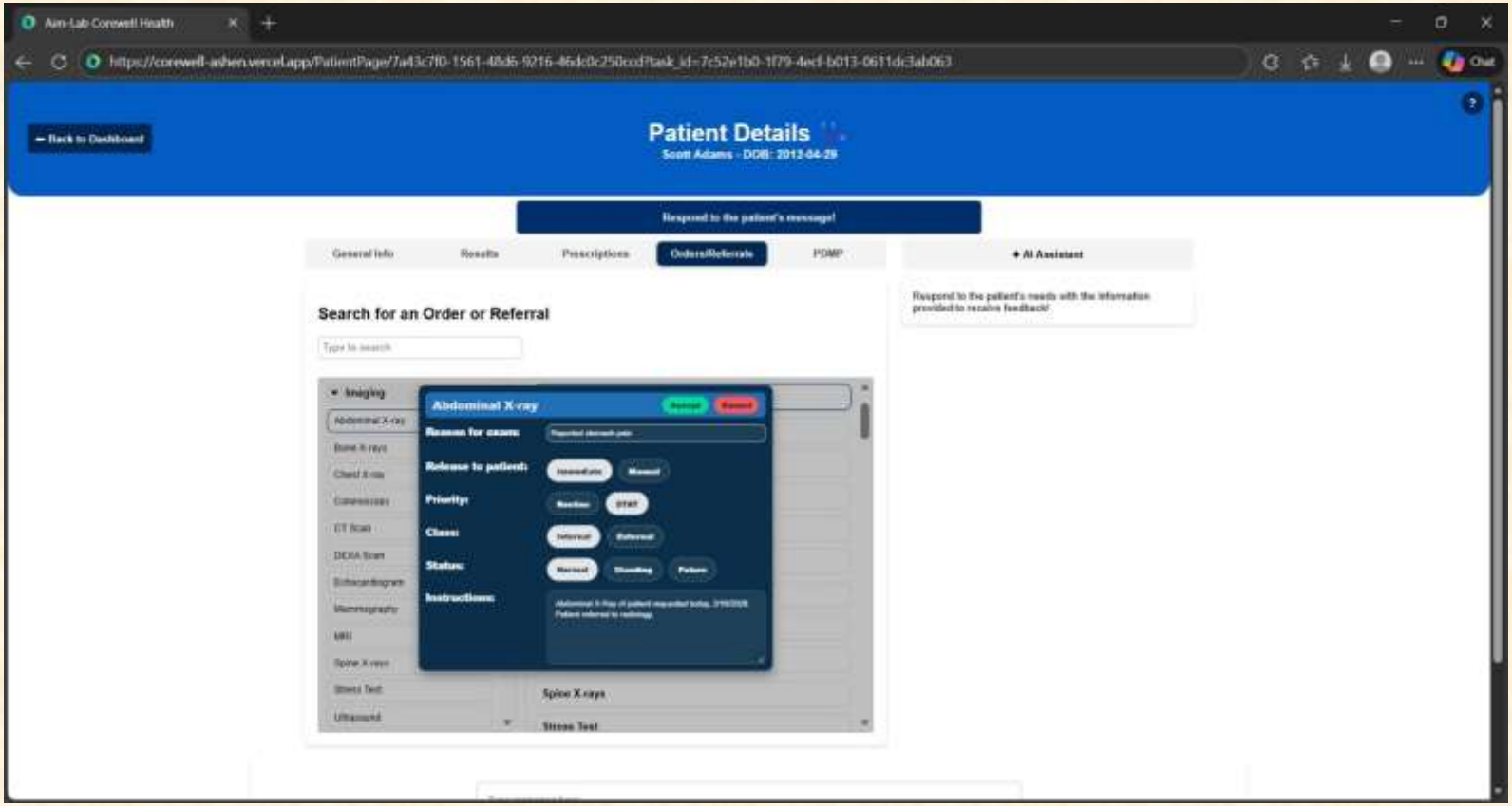


Database Access

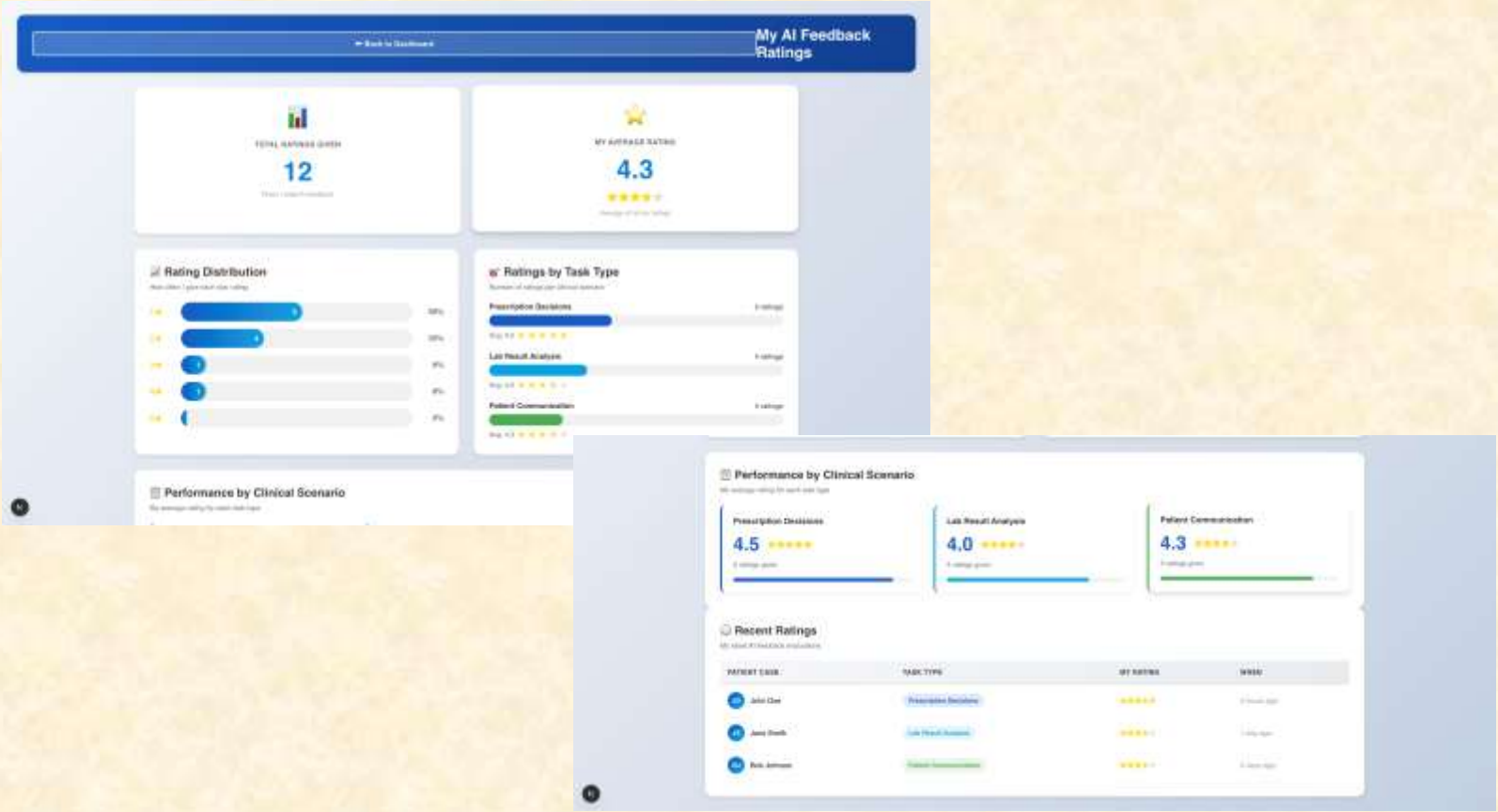




Orders/Referrals



Dashboard Analytics



What's left to do?

- Integrate AI feedback to orders/referrals process.
- Build AI model for message responses + feedback.
- Implement AI rating and AI feedback options.
- Diversify assigned patients.
- Push out working application to next cycle of students.

Questions?

