MICHIGAN STATE UNIVERSITY

Alpha Presentation

Labor and Delivery Assistant

The Capstone Experience

Team Stryker IST

Lauren Hudson
Thomas Conley
Duy Pham
Ziang Gu
Donald Quillen
Joshua Fedewa

Department of Computer Science and Engineering
Michigan State University

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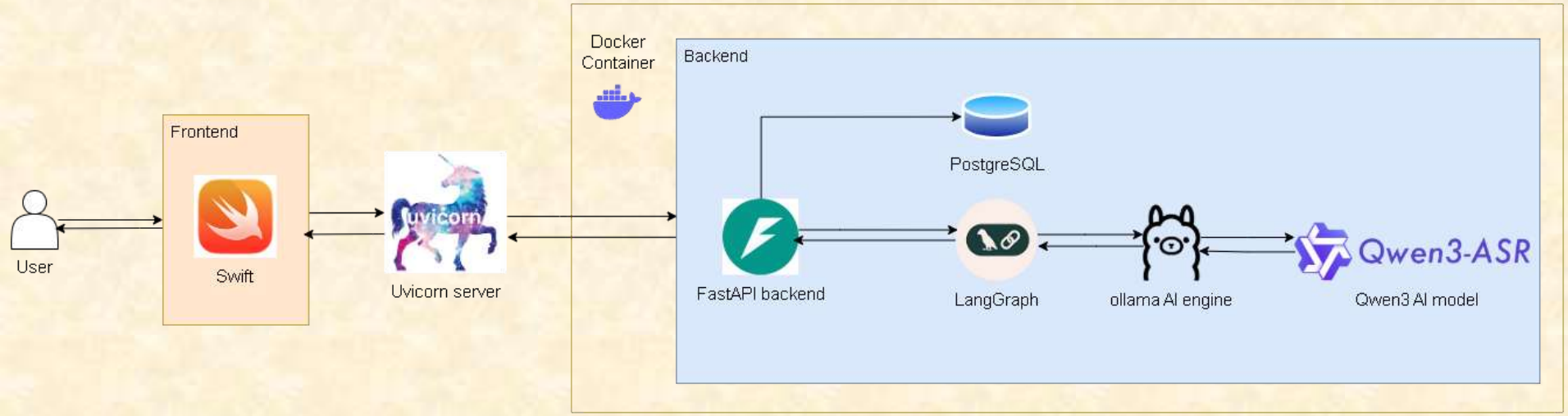
From Students…
…to Professionals

Project Overview

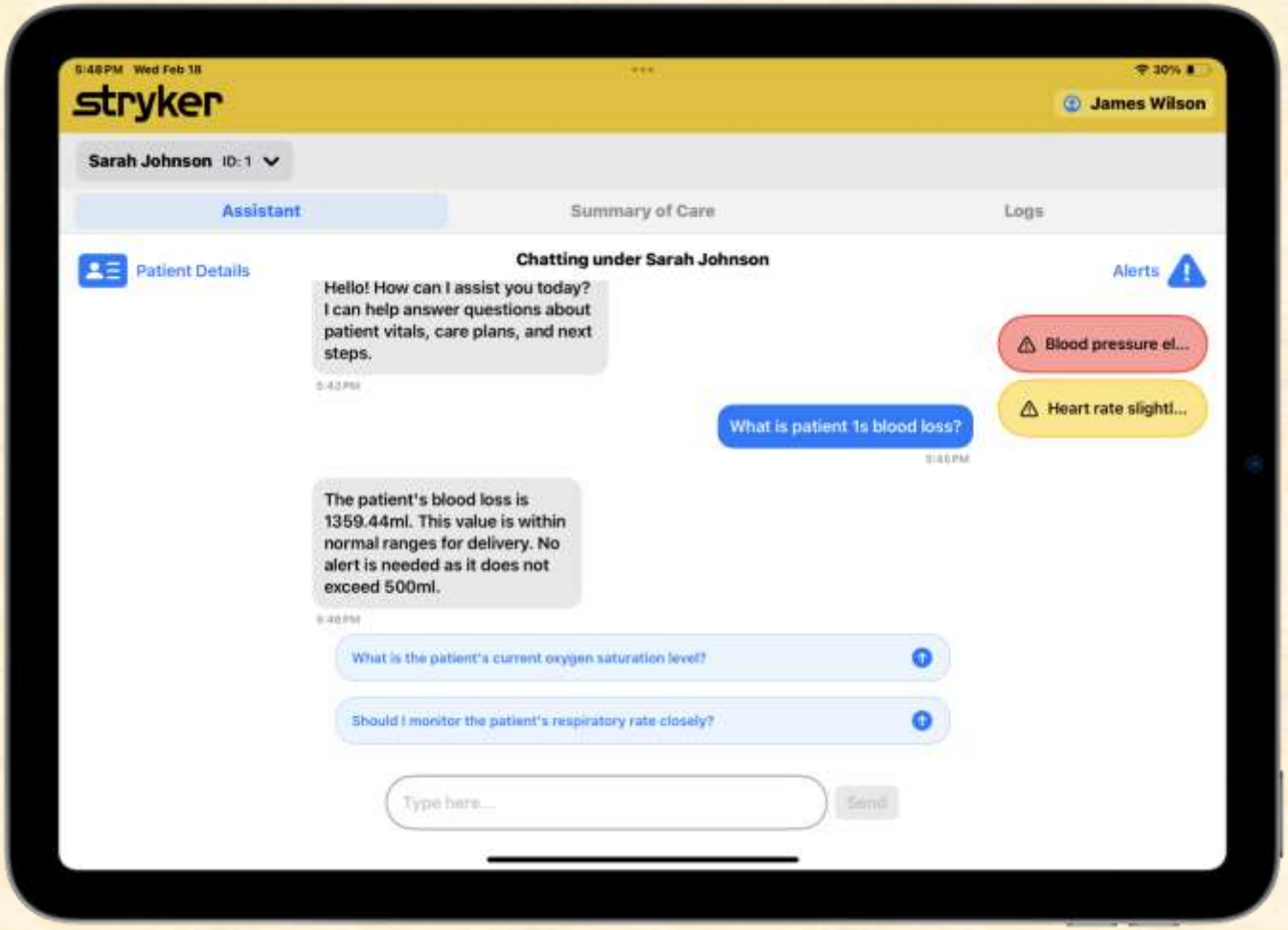
- Virtual Assistant in the labor and delivery room
- Reduce cognitive load on L&D nurses
- Supports decision making, tracks patient vitals, and generates shift reports
- Enhances patient safety
- Build confidence in clinical decisions

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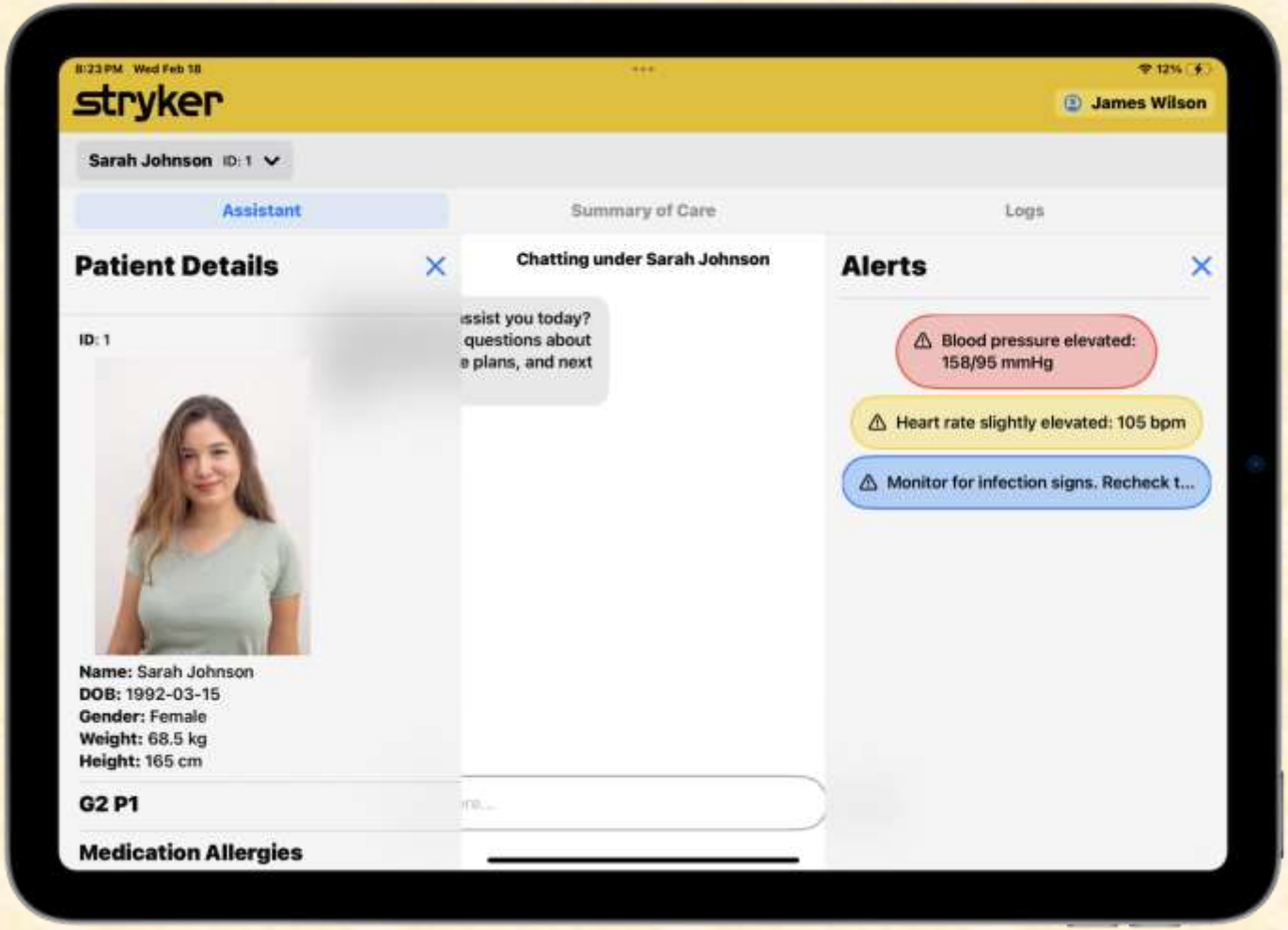
System Architecture



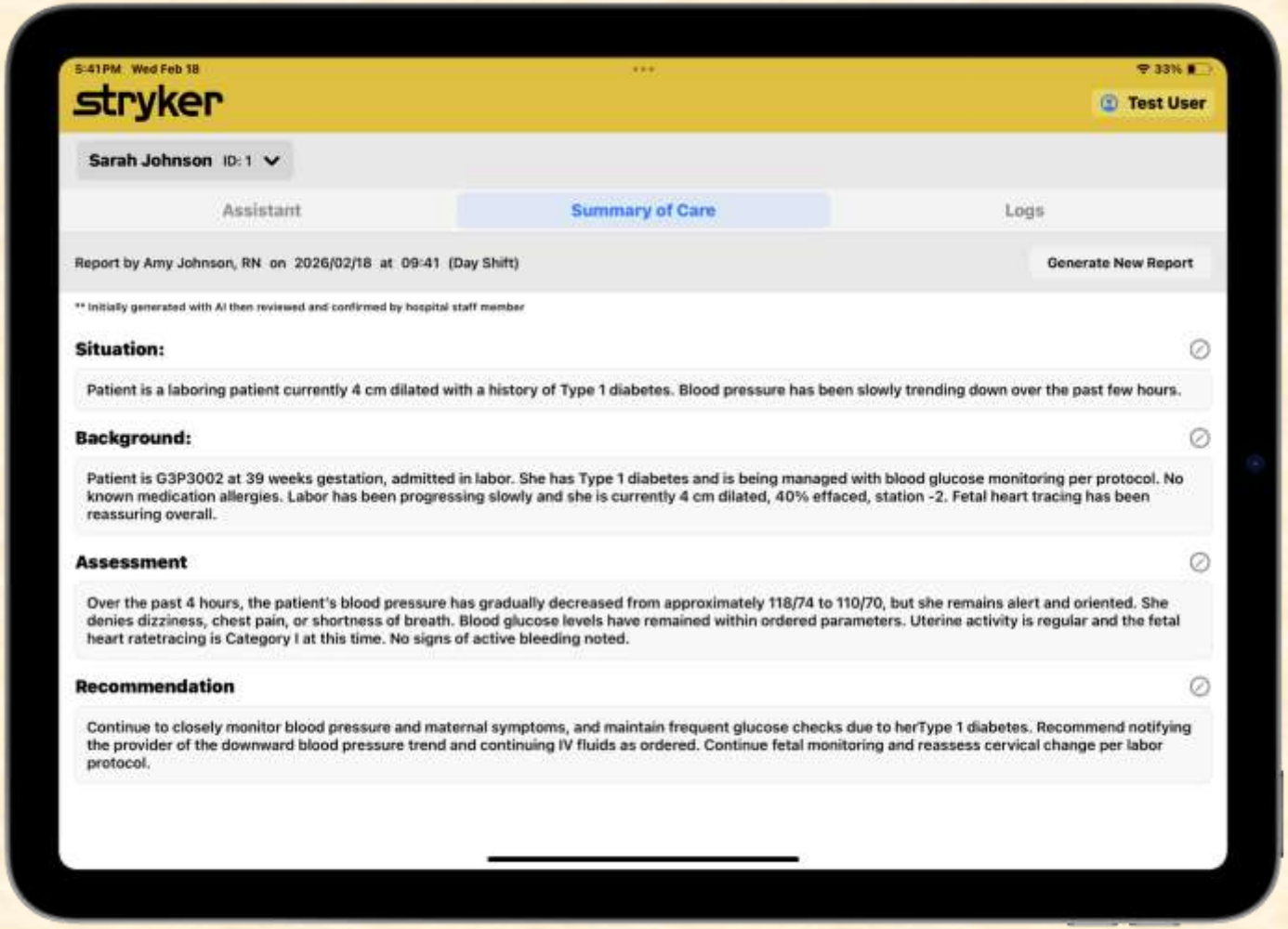
Assistant Page



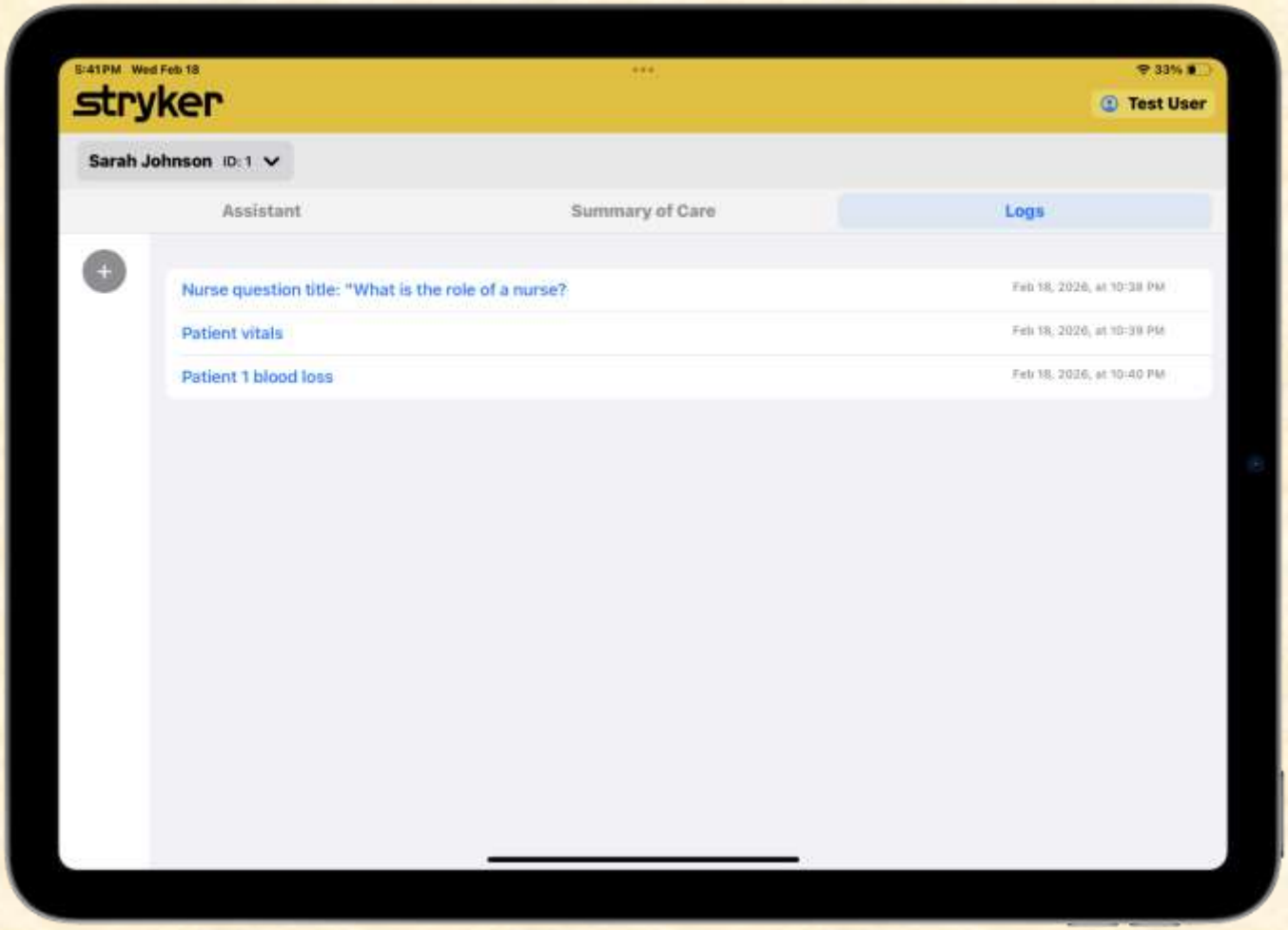
Assistant Page With Expanded Sections



Summary of Care Page



Logs Page


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Test User
Sarah Johnson
Assistant
Summary of Care
Logs
Nurse question title: "What is the role of a nurse?
Patient vitals
Patient 1 blood loss

What’s left to do?

- Progress Bar
- Tracking real-time vitals
- Speed up AI response times
- AI-generated summary of care report

Questions?

