# MICHIGAN STATE UNIVERSITY

# Beta Presentation
## Modernizing Robotic-Surgery Education

### The Capstone Experience

### Team Henry Ford Innovations RSE

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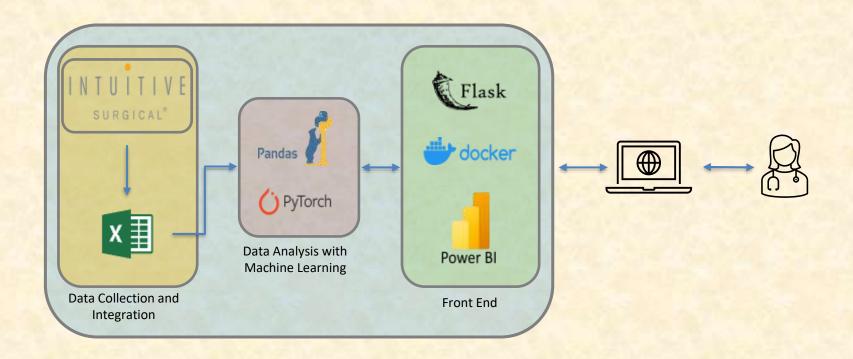Michigan State University

Fall 2024

*From Students…*
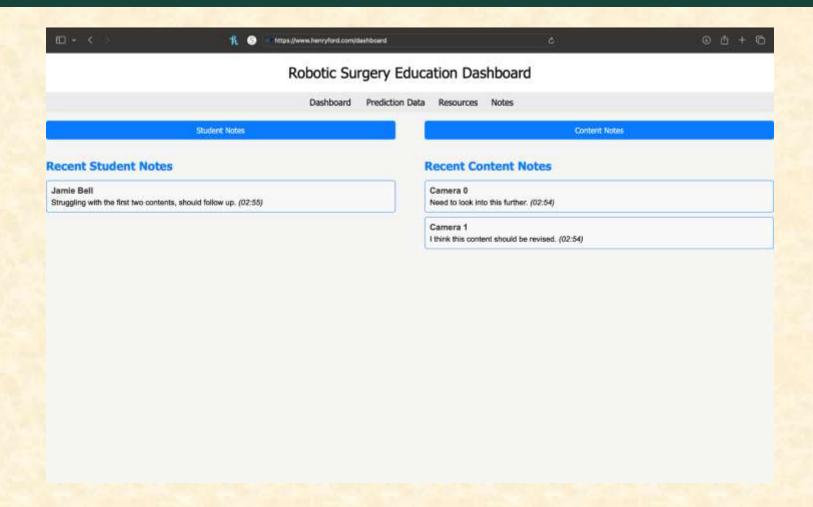   *…to Professionals*

# Project Overview

- Reduce training time for surgeons using robotic surgery training data.

- Outdated curriculum

- Analyze training module data from Intuitive
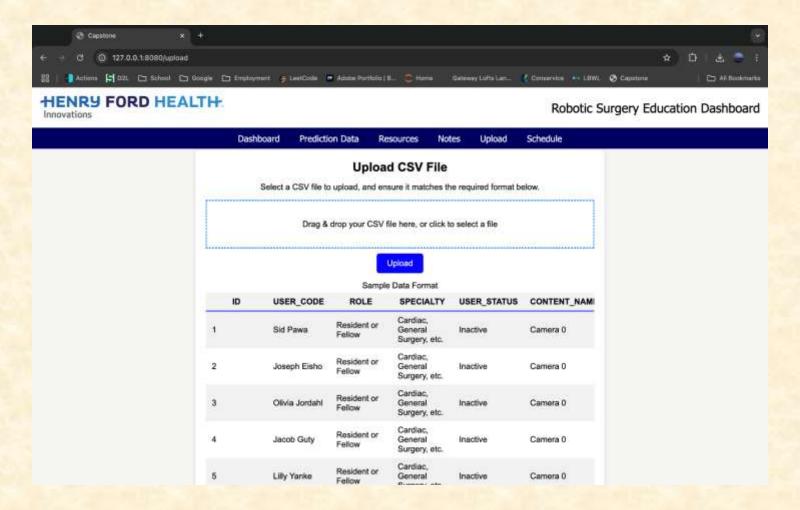  - Most important/effective modules

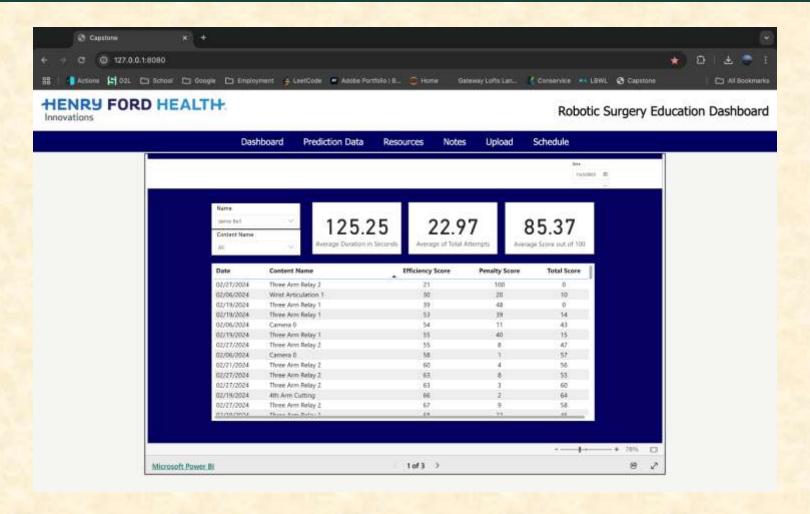- Visualize metrics on dashboard

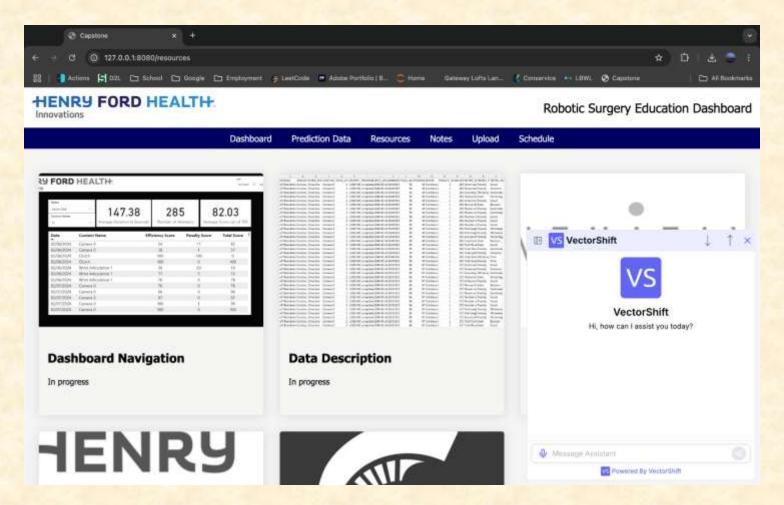# System Architecture
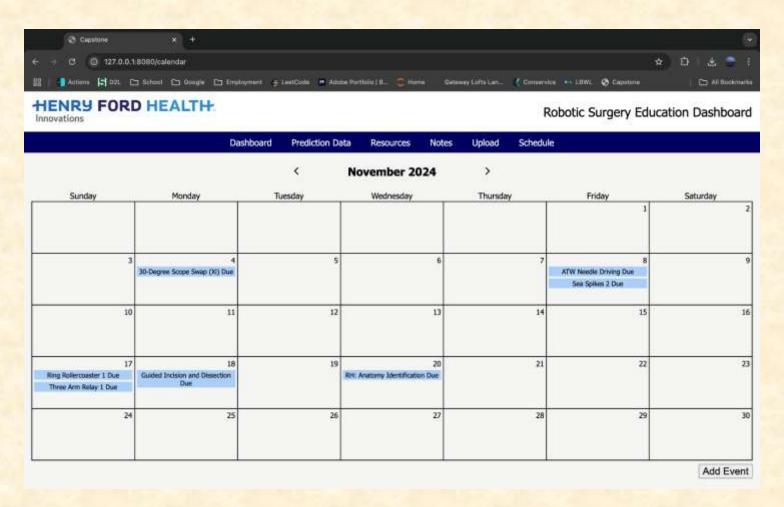
# Educator/Student Comments

# Educator Uploads New Data
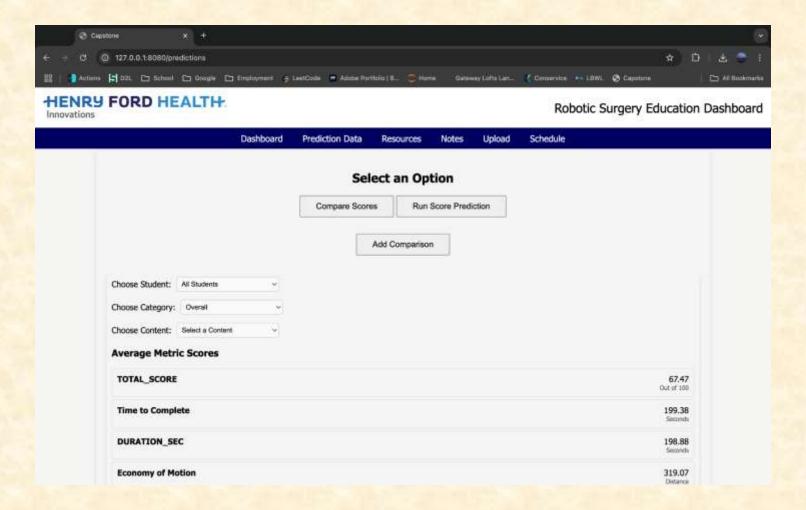
# Power BI Dashboard Display

# Resources and AI Chat Box

# Calendar

# Predictions

# What's left to do?

- Stretch Goals
  - User login

- Other Tasks
  - Dashboard metric units to be added
  - UI style improvements
  - Deploy site

# Questions?

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