

# Capstone: AI Med Pass



Kim Saggese • June 17, 2026

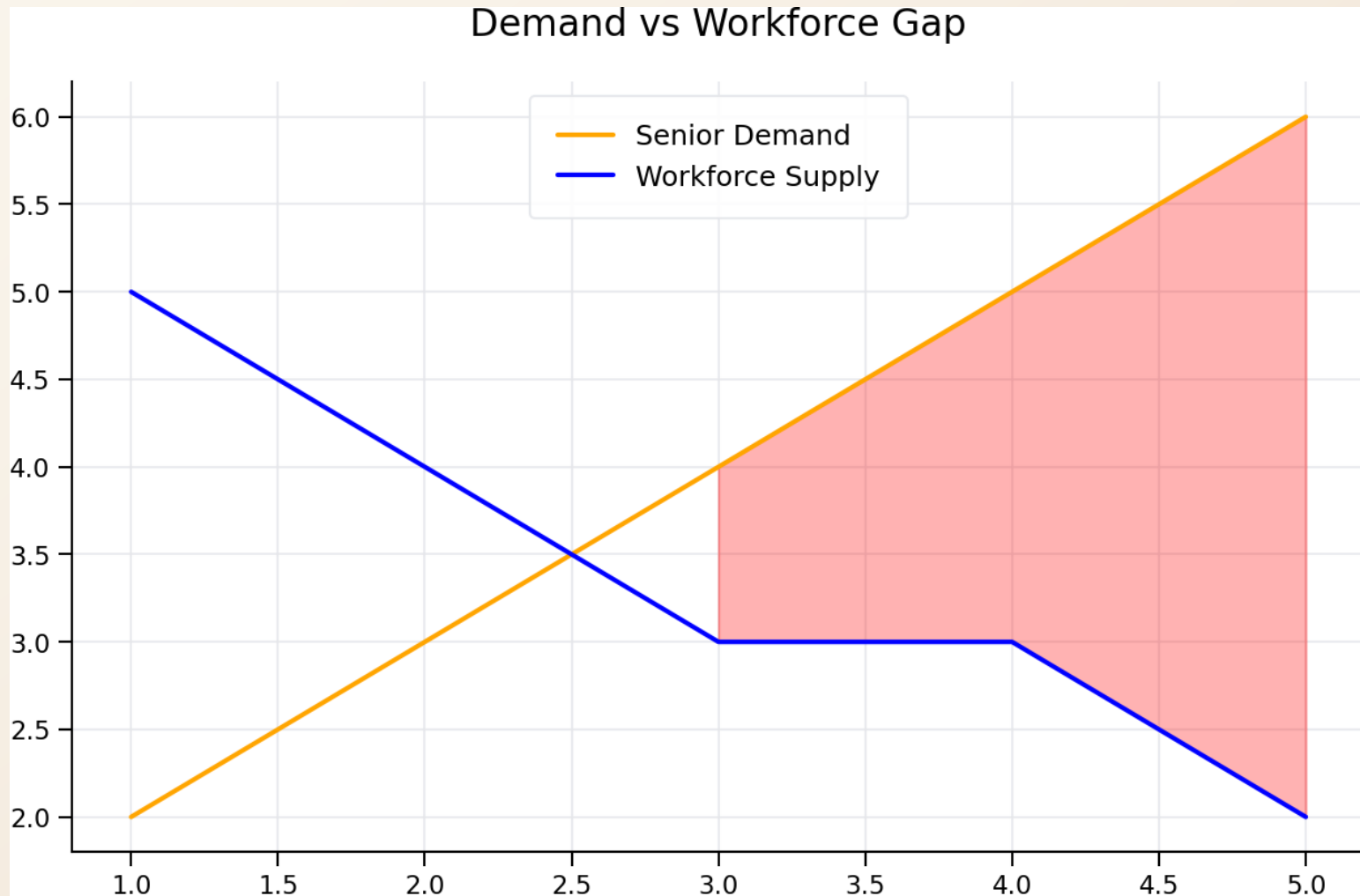


# The Why

- Population growth in Americans 65+
- Increased demand for Assisted Living
- Chronic Illness Management
- Nursing shortage causing labor pressure



# Demand vs Workforce Gap



# The Nursing Shortage

- Over a quarter of RN's will retire in the next 5 years
- Geriatric medicine remains one of the lowest paid specialties
- Annual turnover rates exceed 50%
- US at risk for a deepening crisis in long-term care delivery



# Medication Management

- Top 4 Chronic health conditions in Assisted Living require medication:
  - 64% arthritis
  - 47% hypertension
  - 48% high blood pressure
  - 35% heart disease
- Current management: pill boxes, smart phone apps/reminders, certified employees
- Every year 7,000-9,000 people die through medication errors
- 40% of older adults are living with memory impairment



# Proposed Solution

- Create an interactive medication dispenser for individual living spaces
  - Medication management
  - Accurate record keeping
  - Pain management
  - Facial recognition feature for safety, with future upgrades to take and record vitals
  - On demand customer experience



# ROI

- Decrease errors
- Improve timeliness of delivery, improving the effectiveness of each medication with intent to improve life expectancy
- Reduction in labor cost for medication management
- Focus on the Resident assessment/potential condition changes



# Team Collaboration Strategy

- Core LEAD concept: change management leadership
- Identified Partners
  - Pharmacy
  - IT
  - Facility Services/Maint
  - Financial
  - Nursing/Clinical
- 18-24 month timeline allowing for individual pace, group brainstorming and alignment checks
- Transparent communication
- Celebrate wins and “agreeables”



# Implementation Approach

- Secure a key provider partner that is tech advanced in senior care
- AI & technology vendor identified
- Key Team Member Trials
- Independent Living
  - Focus Group with post feedback/adjustment
  - Leading to the entire IL participation
- Assisted Living
- Regulatory, compliance & legal
- Build outcomes to secure future partners



# Our Journey to Impact

A clear roadmap. Purposeful milestones.  
Meaningful outcomes.

01

## FOUNDATION

Understand needs,  
align on goals,  
and define success.



02

## STRATEGY

Design a tailored  
approach and  
prioritize initiatives.



03

## EXECUTION

Mobilize teams,  
implement solutions,  
and drive progress.



04

## MEASURE

Track results,  
generate insights,  
and refine.



05

## SCALE

Expand impact,  
optimize continuously,  
and sustain value.



## OUR DESTINATION

Lasting impact.  
Stronger organizations.  
Better futures.



Guided by collaboration.

Driven by data.

Committed to excellence.

# Metrics of Success

- Reduction in:
  - Missed medications
  - Med pass time
  - Medication Errors
  - Labor Costs
- Staff satisfaction and retention
- Resident safety, satisfaction, and pain management
- Beyond AL capabilities
- Increased lengths of stay in appropriate settings



# Q&A

*Questions & Discussion*

Thank you • Kim Saggese • June 17, 2026