A Guide to Crafting
Executive-Aligned IT Strategies

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Miguel Garcia
Network Technology, Merced UHSD

Anthony Thomas
K-12 Enterprise Consultant
AThomas@OneC1.com

Dan Burgin
VP, AI Center of Excellence
DBurgin@OneC1.com

Robert Redd
VP, Systems Engineering, Public Sector
RRedd@OneC1.com

PANEL DISCUSSION

IT leaders are not only supporting education—they're shaping it

K-12 Core Tenets

Enterprise-Grade

K-12 is an enterprise-grade environment with enterprise-grade requirements.

Rapidly Evolving

Requirements are outpacing the manpower and skillsets of IT teams.
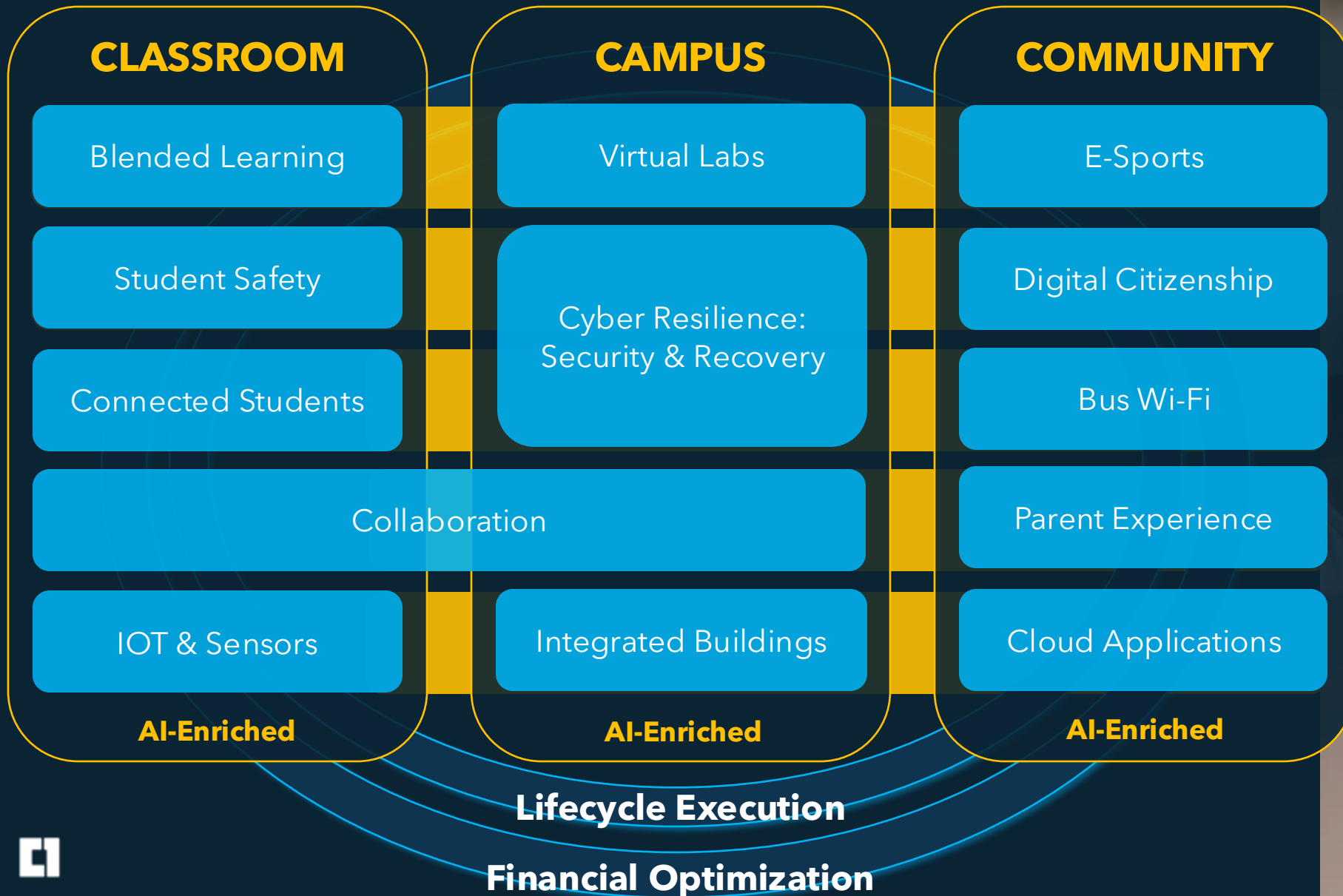
Attract & Retain

A well-executed technology strategy attracts and retains both Educators and IT Professionals.

*"Every **student deserves** a front-row seat to their education: from the classroom through the campus and into their community"*

K-12 Executive **Blueprint**

CLASSROOM

- Blended Learning
- Student Safety
- Connected Students
- Collaboration
- IOT & Sensors

AI-Enriched

CAMPUS

- Virtual Labs
- Cyber Resilience: Security & Recovery
- Collaboration
- Integrated Buildings

AI-Enriched

COMMUNITY

- E-Sports
- Digital Citizenship
- Bus Wi-Fi
- Parent Experience
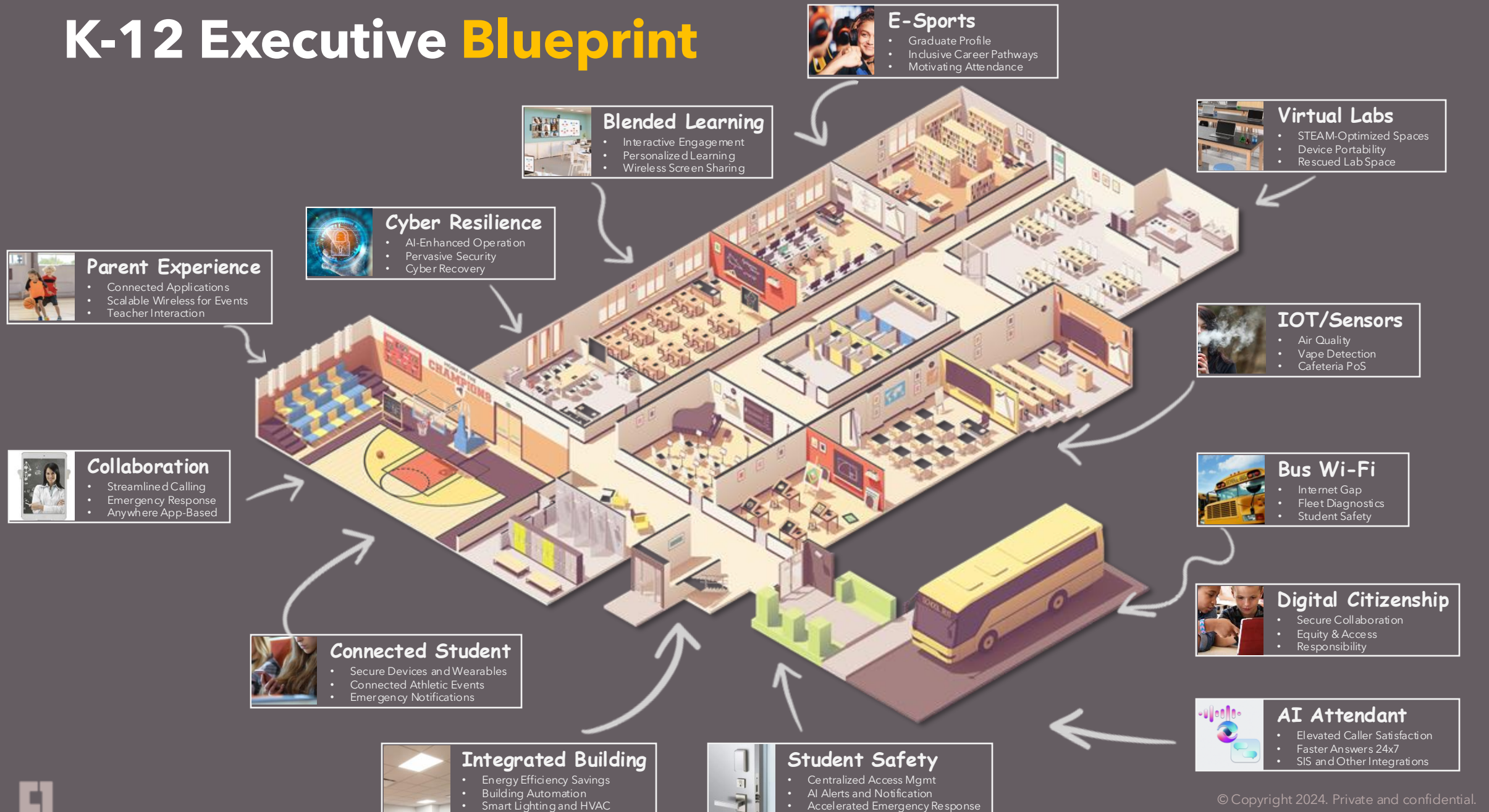- Cloud Applications

AI-Enriched

Lifecycle Execution

Financial Optimization

"When educators invest in college, career, and life readiness for all individuals, students attend and achieve at improved rates."

K-12 Executive **Blueprint**

E-Sports
- Graduate Profile
- Inclusive Career Pathways
- Motivating Attendance

Virtual Labs
- STEAM-Optimized Spaces
- Device Portability
- Rescued Lab Space

Blended Learning
- Interactive Engagement
- Personalized Learning
- Wireless Screen Sharing

Cyber Resilience
- AI-Enhanced Operation
- Pervasive Security
- Cyber Recovery

Parent Experience
- Connected Applications
- Scalable Wireless for Events
- Teacher Interaction

IOT/Sensors
- Air Quality
- Vape Detection
- Cafeteria PoS

Collaboration
- Streamlined Calling
- Emergency Response
- Anywhere App-Based

Bus Wi-Fi
- Internet Gap
- Fleet Diagnostics
- Student Safety

Digital Citizenship
- Secure Collaboration
- Equity & Access
- Responsibility

Connected Student
- Secure Devices and Wearables
- Connected Athletic Events
- Emergency Notifications

Integrated Building
- Energy Efficiency Savings
- Building Automation
- Smart Lighting and HVAC

Student Safety
- Centralized Access Mgmt
- AI Alerts and Notification
- Accelerated Emergency Response

AI Attendant
- Elevated Caller Satisfaction
- Faster Answers 24x7
- SIS and Other Integrations

Elevating the K-12 Connected Human Experience

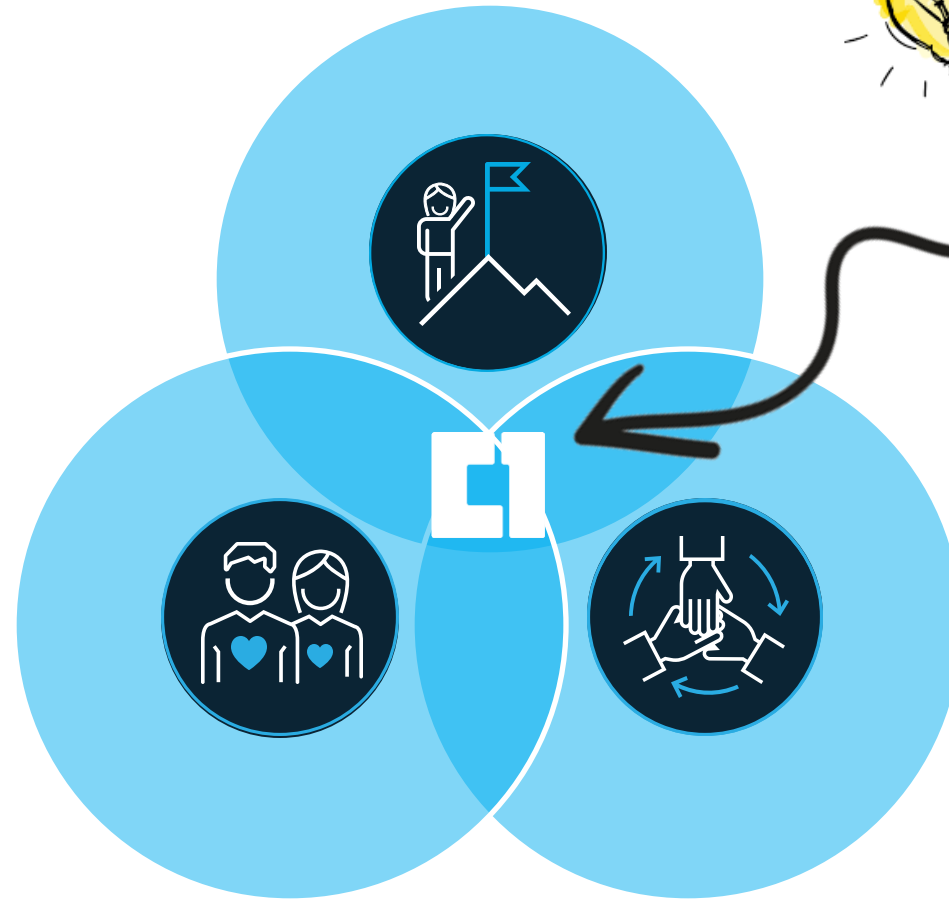Be **Bold**
Can we integrate and implement?

GROWTH MINDSET
Holistic problem solving with design thinking

Be **Human**
Will students and teachers benefit from the solution?

Be **One**
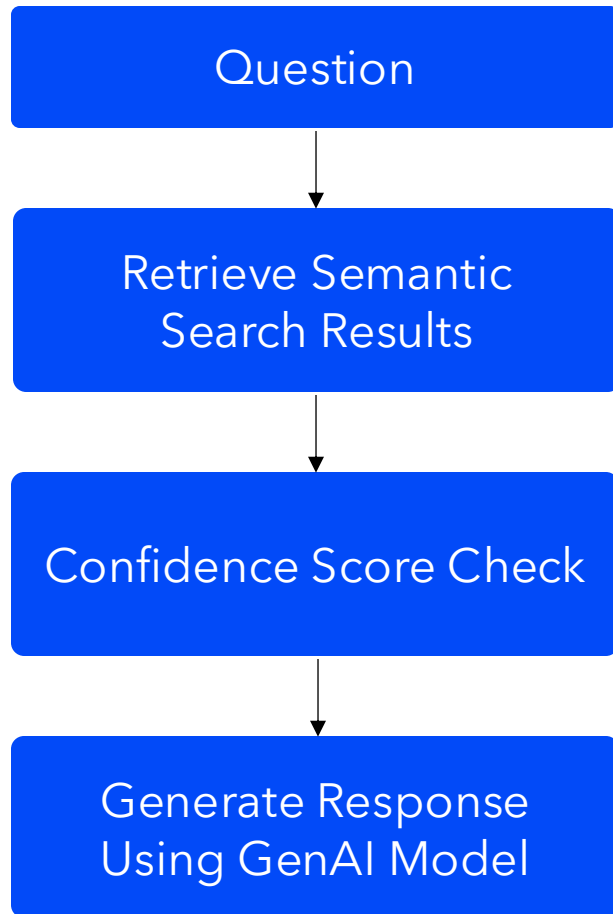Does this achieve the district's vision?

Real impact comes from **action**, not abstraction.

	Students	**Parents**	**Teachers**
Administrative Student Information System (SIS): AERIES, PowerSchool, Skyward, or Infinite Campus	Schedules, attendance, signups, policies, announcements, athletics, locations	Transportation schedules, real-time bus tracking, field trip approvals, attendance, activity sign-ups, payments	Transportation schedules, Class agendas, rosters, parent and support contacts, classroom management, extracurriculars
Assistive Virtual tutoring services: Tutor.com, Paper Tools: Remind, ClassDojo, or ParentSquare	Assignments due, teacher feedback, resources, self-paced tutoring, recorded lessons	Tailored practice modules assignments and feedback, student assessment, grades, attendance, performance summary	Organize assignments, distribute resources, summary strengths and weaknesses, behavioral notes, data-rich reporting
Academic LMS: Google Classroom, Canvas, or Schoology Adaptive Learning Tools: i-Ready, Khan Academy, Dream Box, Freckle Math, Edmodo, Near Pod Targeted Intervention programs: ALEKS or Imagine Math	Assignment management, interactive assignments, discussion boards, dynamic learning	Clear student tracking, workload, curriculum progress; concept reinforcement at home	Assignment distribution, collection, and grading; student engagement mapping, communication, personalized learning

Have confidence in every answer

Question

Retrieve Semantic
Search Results

Confidence Score Check

Generate Response
Using GenAI Model

I think I missed my window for the fled-trip sign-up. Is it too late?

Active Promotions

Order History

Current Return Policy

52 **Elly Confidence Score**

Relevant Text

Search String
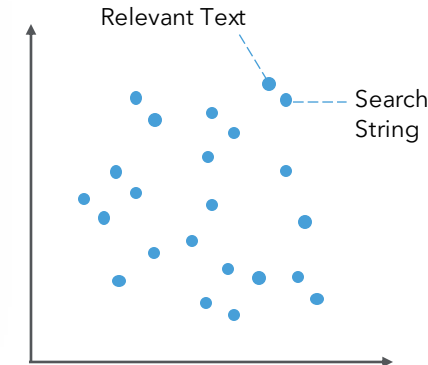
Custom LLM Prompt

Elly cannot answer: I'm sorry, I don't seem to have the answer to that question, would you like to speak with a human agent, or ask me something else?

Response flagged because handoff required

Constantly assess and improve
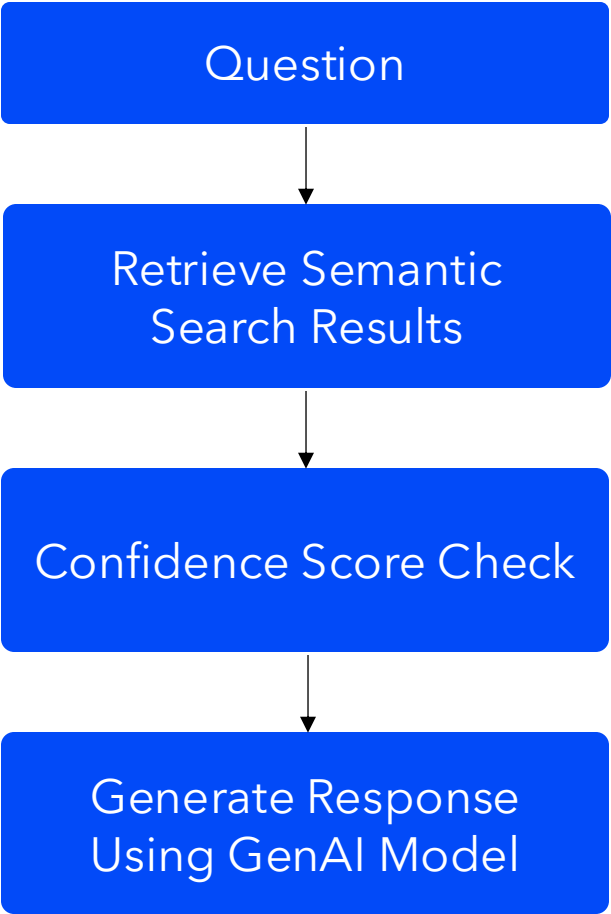
Question

Retrieve Semantic Search Results

Confidence Score Check

Generate Response Using GenAI Model

I think I missed my window for the fled-trip sign-up. Is it too late?

Active Promotions

Order History

Updated Return Policy

98

Elly Confidence Score

Relevant Text

Search String
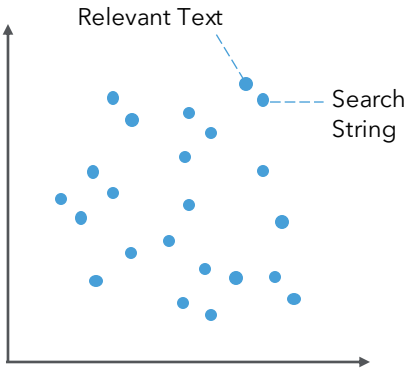
Updated Custom LLM Prompt

Elly now can answer: Based on dates of the trip, you have missed the window securing your student's spot. Shall I place you on the wait list and notify the Ms. Brown?
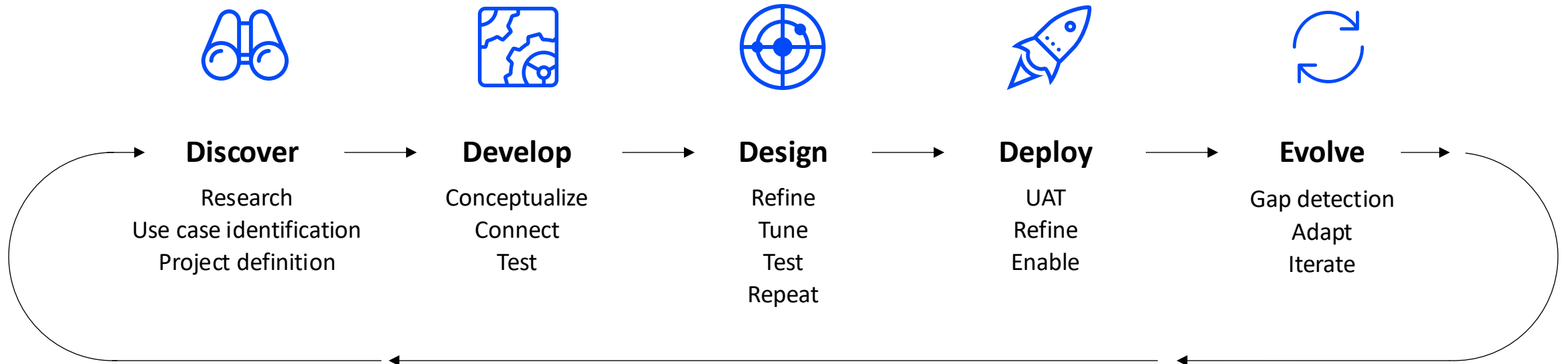
Technology is a **team sport.**

Continuous value improvement through deployment agility

Discover

Research
Use case identification
Project definition

Develop

Conceptualize
Connect
Test

Design

Refine
Tune
Test
Repeat

Deploy

UAT
Refine
Enable

Evolve

Gap detection
Adapt
Iterate

CITE AFTER DARK

Tomorrow Night!
7:00 – 11:00 p.m.

Sign up at Booth #924

Say hello to

C1ELLY

Visit Booth #924

Thank You.