MICHIGAN STATE UNIVERSITY

Alpha Presentation

Multi-Agent AI Ecosystem to Optimize Purchasing

The Capstone Experience

Team Kohler Co.

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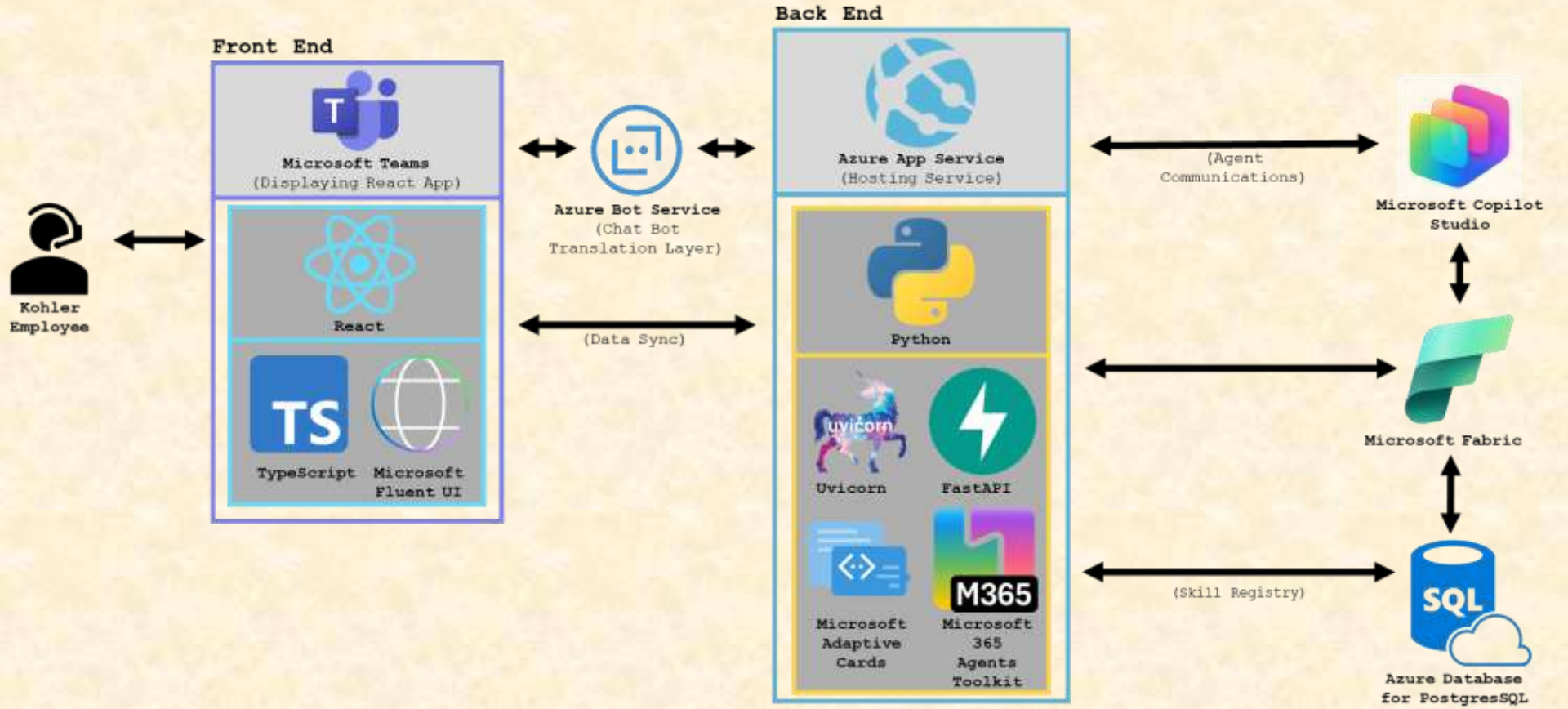
Spring 2026

From Students…
…to Professionals

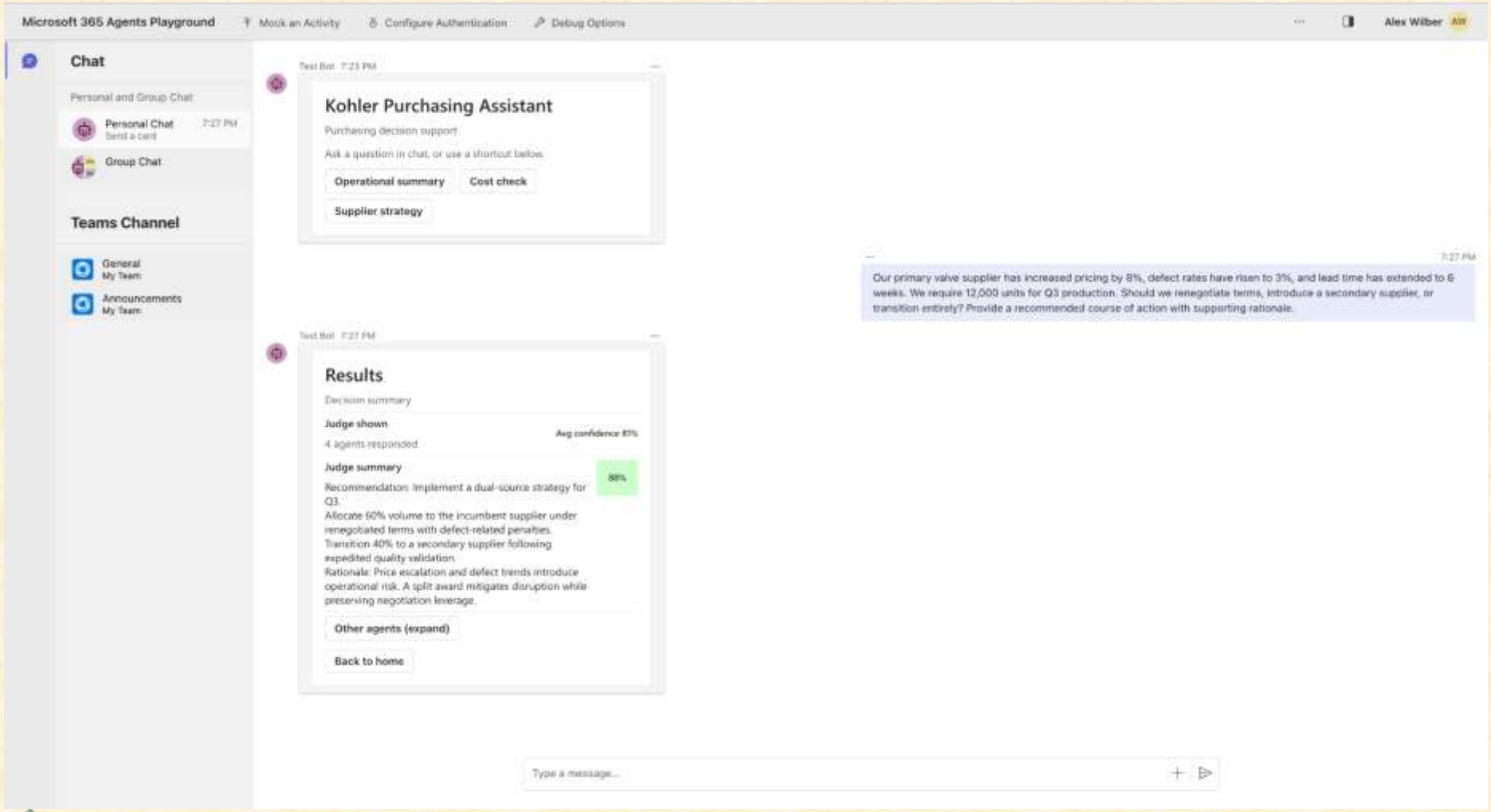
Project Overview

- Personality driven multi-agent AI system to support purchasing decisions
- Agents analyze dozens of datasets to strategize an improved supply chain management system
- Recommends optimal Economic Order Quantity to reduce stockouts while optimizing cash flow and holding costs
- Used as a decision-support tool for purchasing teams

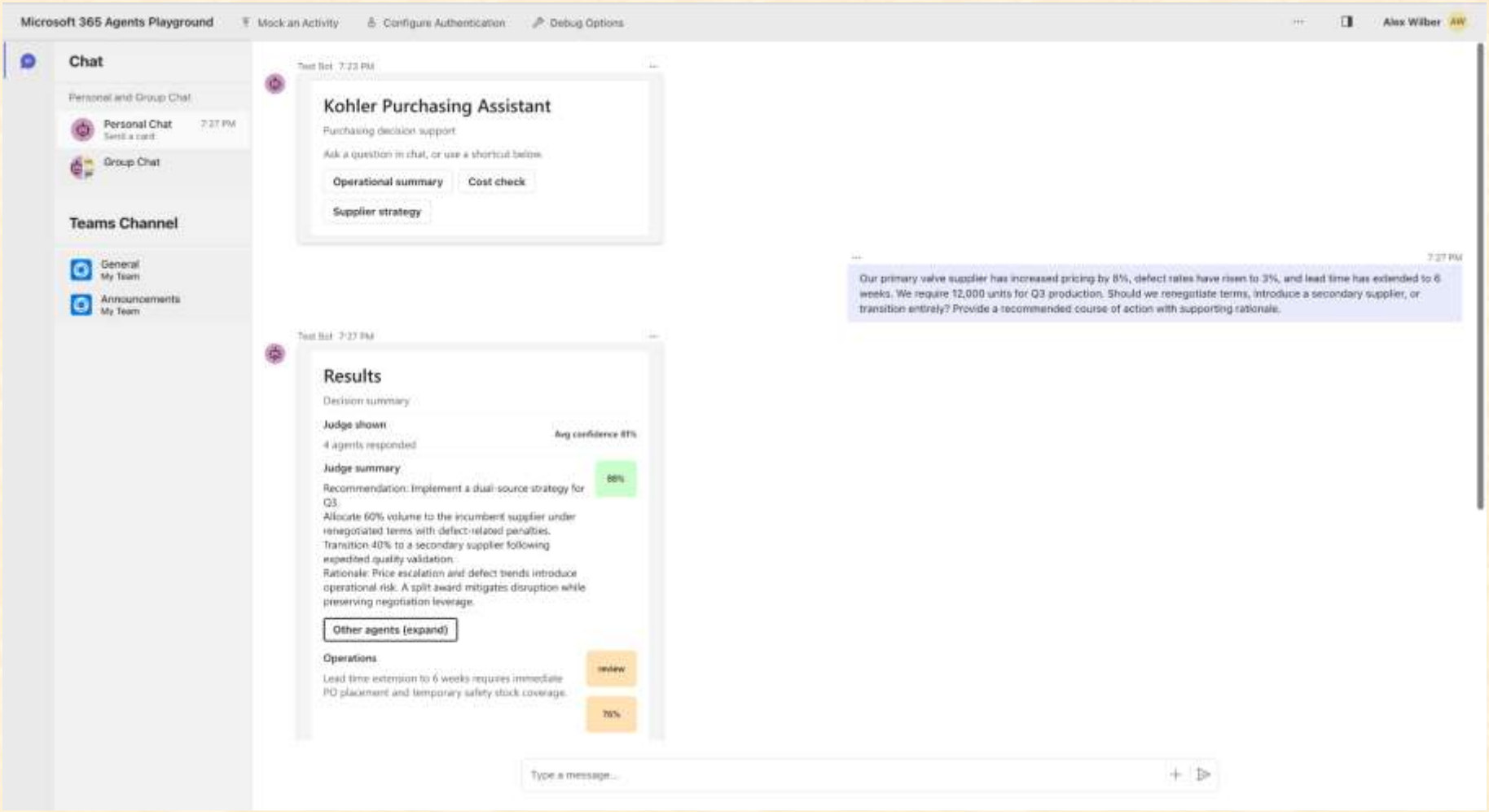
System Architecture



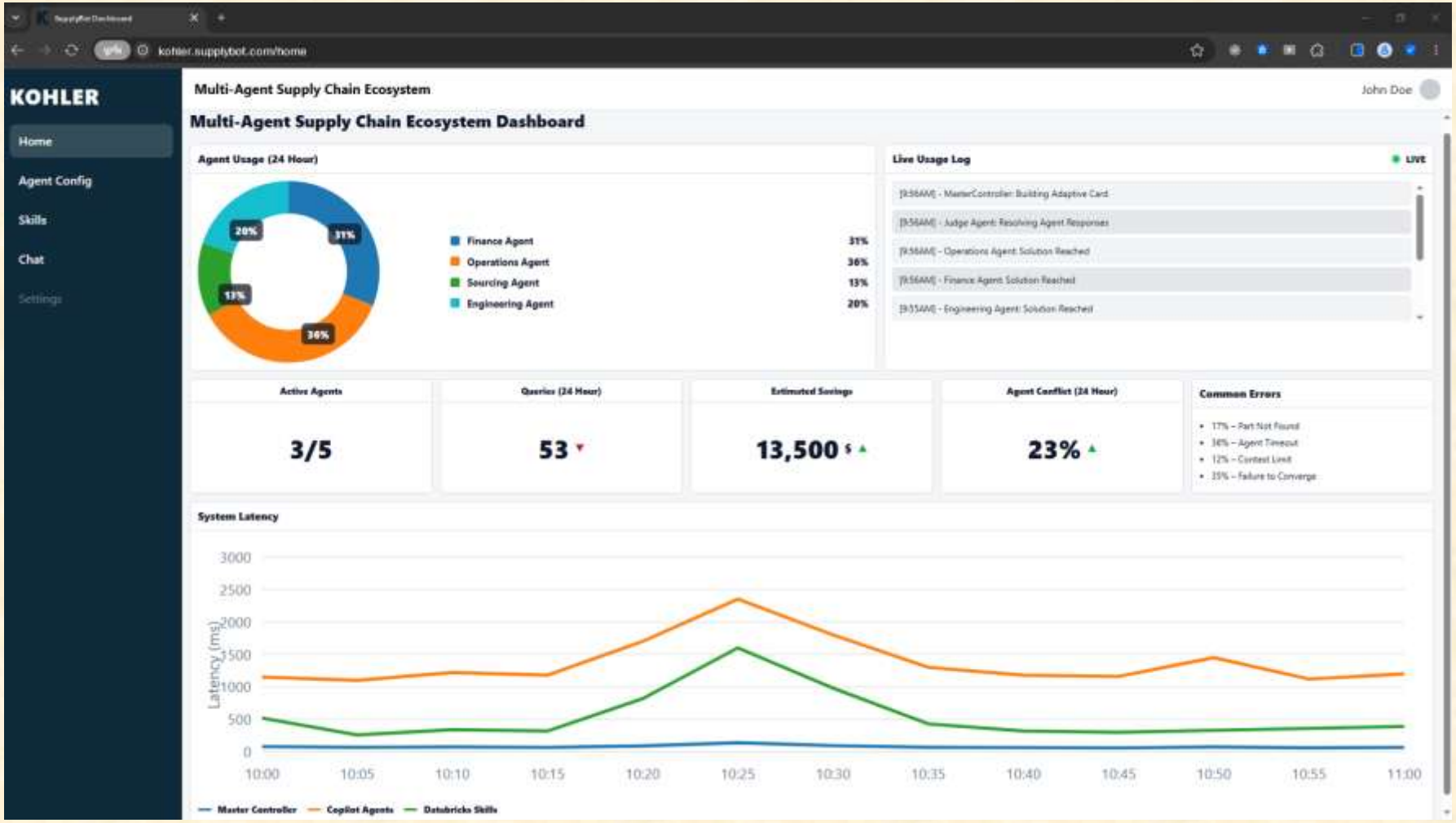
Teams Chatbot



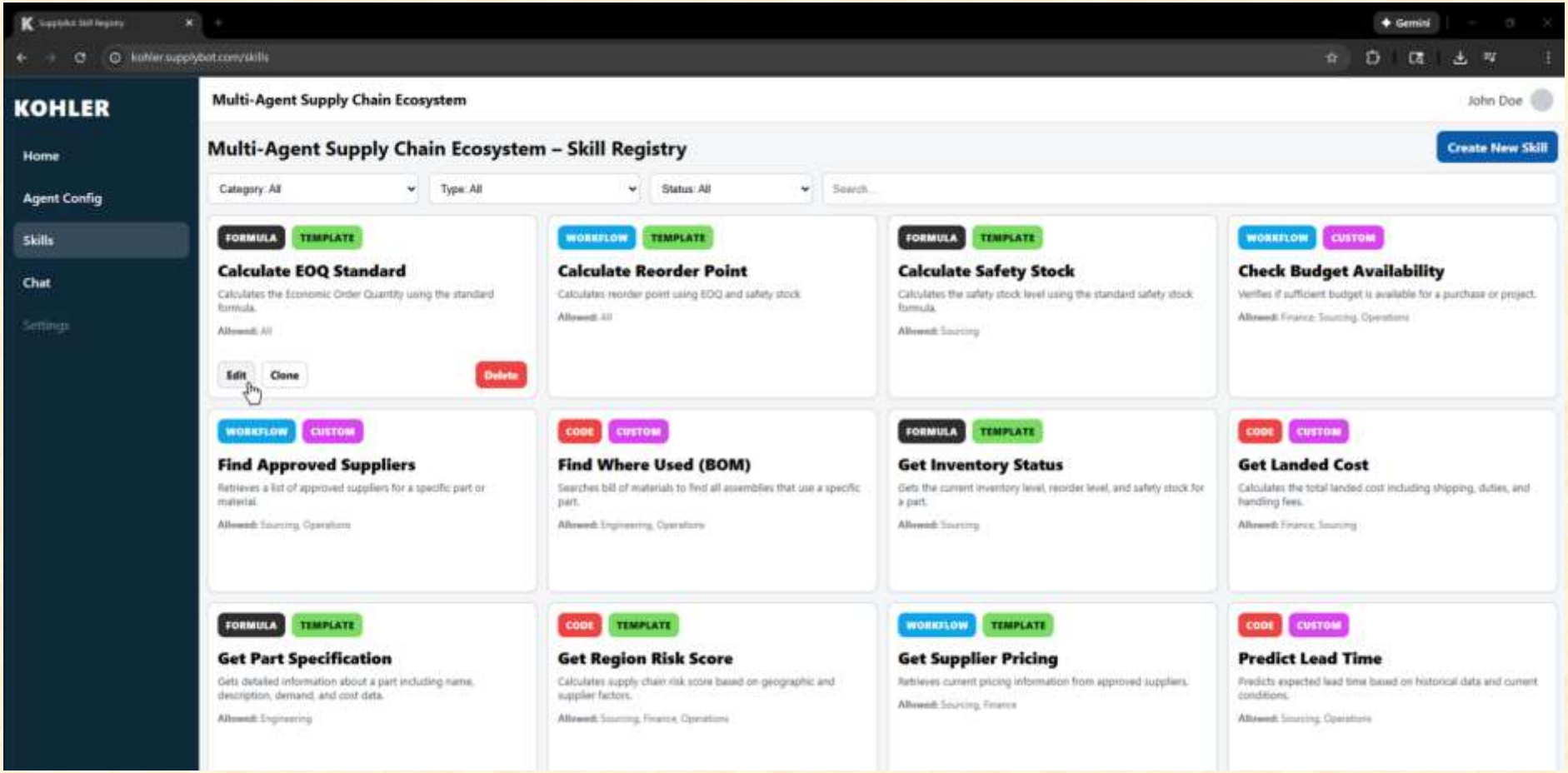
Expansion Feature



Ecosystem Dashboard



Skills Registry



What’s left to do?

- Connect front end into Kohler Teams
- Connect dashboard/skills to backend
- Test our registry skills with Kohler data
- Connect our agents to the backend
- Curate our UI

Questions?

