MICHIGAN STATE UNIVERSITY

Beta Presentation Al-Based Chat Service

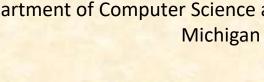
The Capstone Experience

Team RPM

Ishak Ahmed Leeann Alsaeed Roshan Atluri **Andrew Dagostino Ulas Kaygisiz**

Fall 2023

Department of Computer Science and Engineering Michigan State University

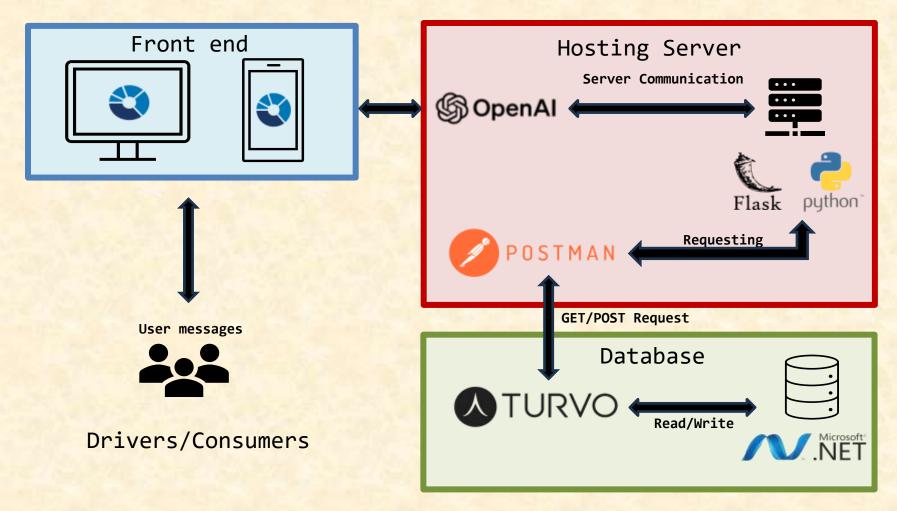




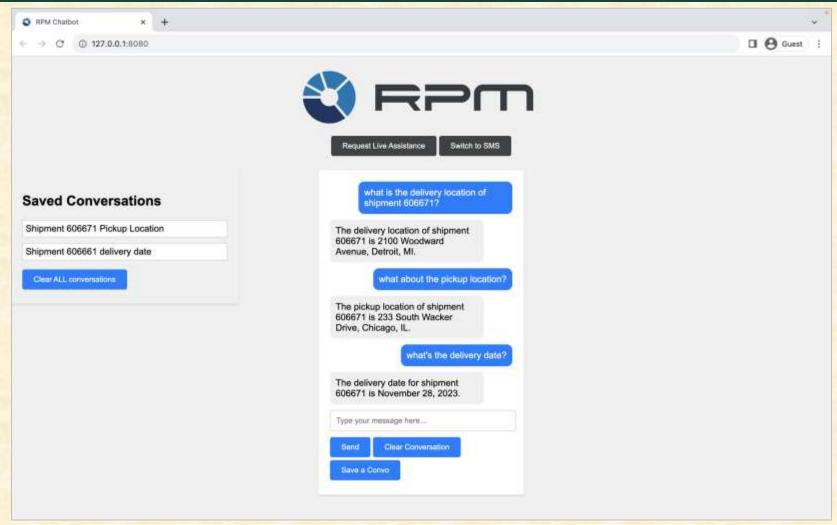
Project Overview

- Problem:
 - High call volumes
 - Slow tracking responses
 - 24/7 on-call representatives
- Solution
 - Al chatbot
 - Back-end service (Web, SMS, App, etc.)
- Value:
 - Enhance customer service
 - Reduce cost
 - Provide instant answers

System Architecture

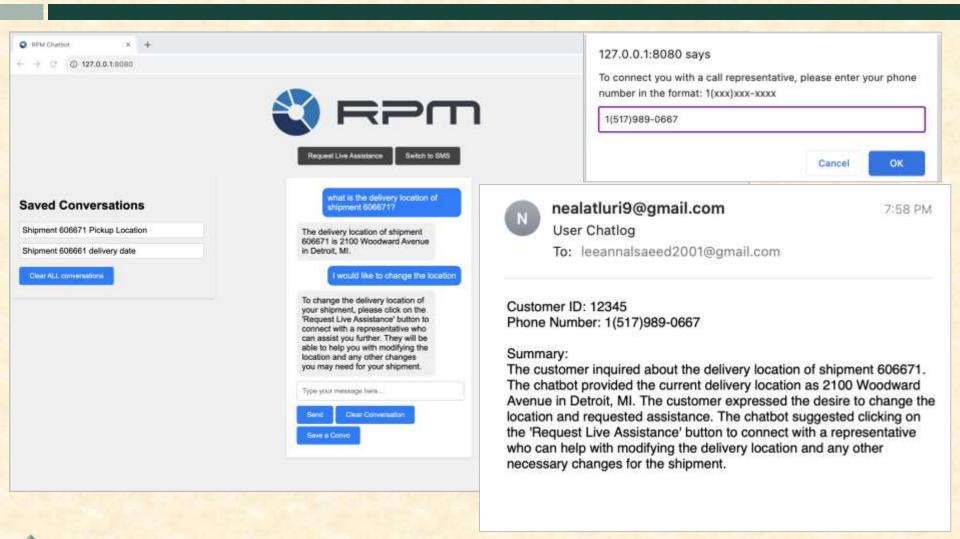


Customer Questions

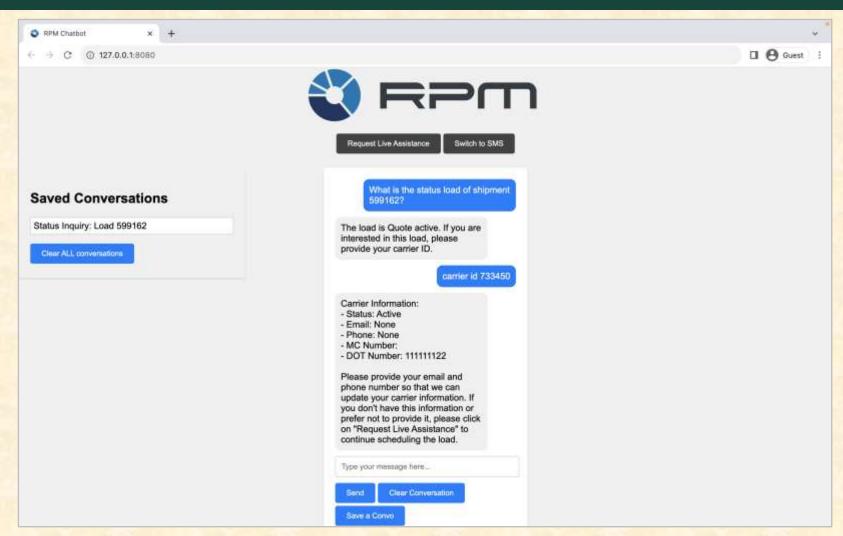




Switching to a Representative

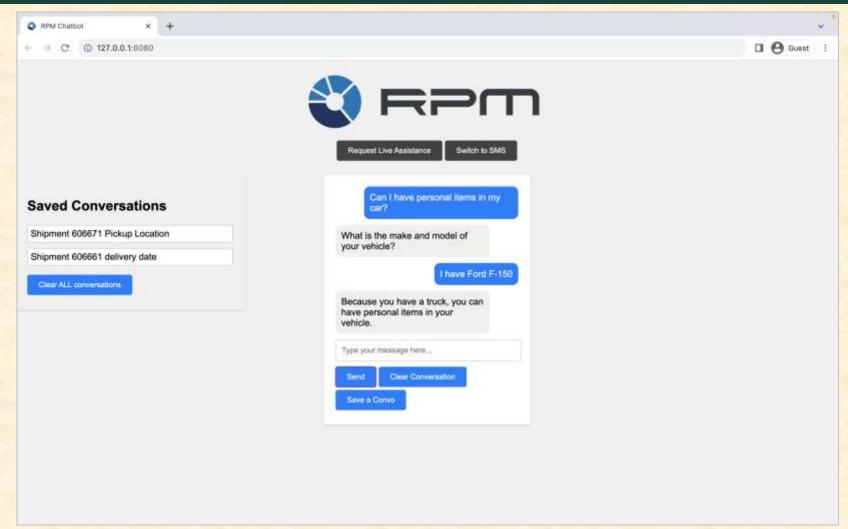


Scheduling a Shipment





General Inquiries





What's left to do?

- Stretch Goals
 - Live chat with representative
 - Weather information at pickup/delivery location
- Other Tasks
 - Update UI
 - Re-do Turvo API
 - Chat consistency
 - Saved conversation deletion
 - Improving chat response time
 - Bug fixes



Questions?



