

MICHIGAN STATE  
UNIVERSITY

# Alpha Presentation

## Ford Mobility Product Metrics

The Capstone Experience

Team Ford

Samuel Wakeman

Romi Yun

Yangkai He

Weilin Liang



*From Students...  
...to Professionals*

Department of Computer Science and Engineering  
Michigan State University

Fall 2019

# Project Overview

---

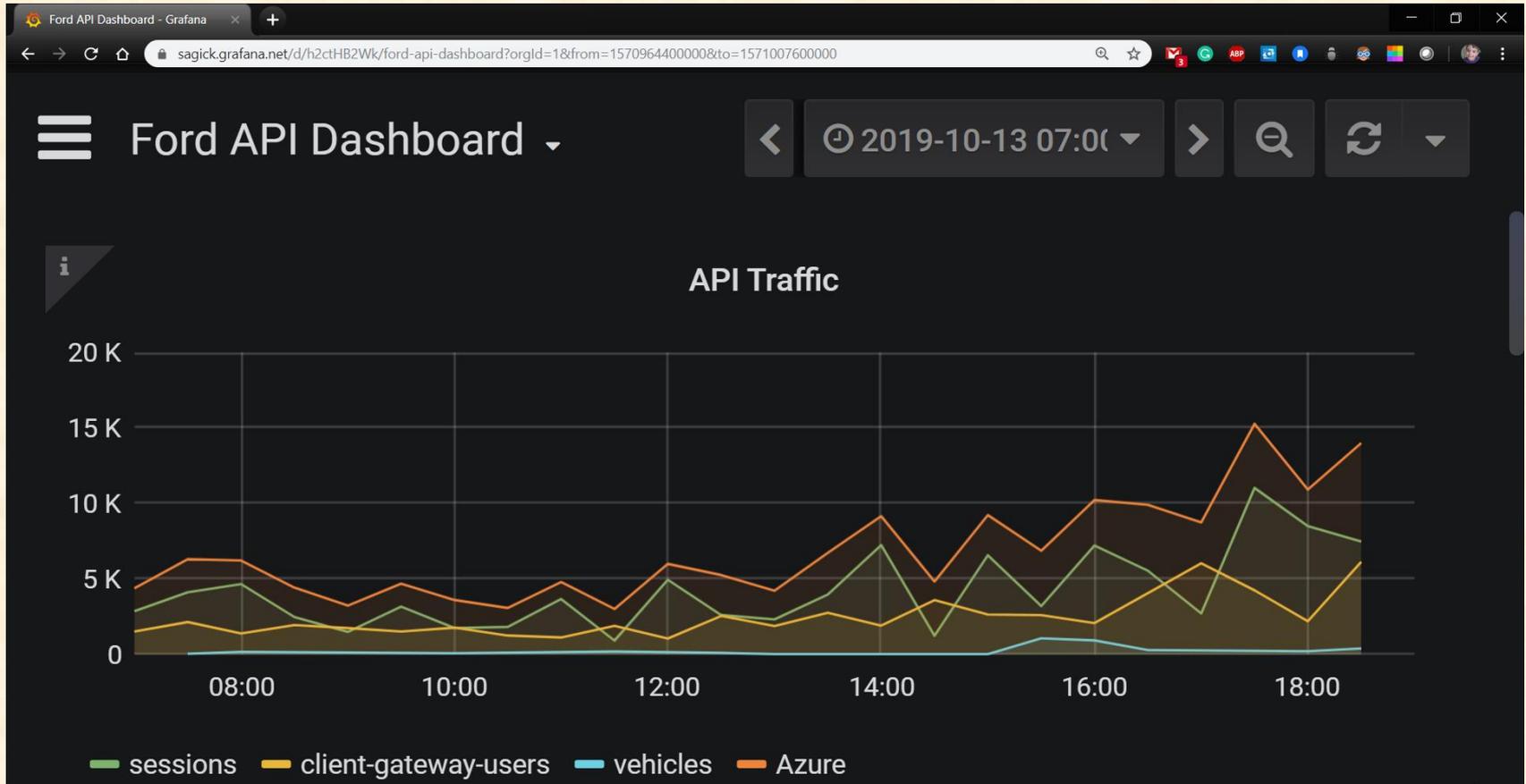
- Monitor Ford products and websites closely
- Store usage metrics to give a better customer experience
- Create a WebEx Teams chatbot to provide product metrics updates
- Create a dashboard to Visualize those metrics



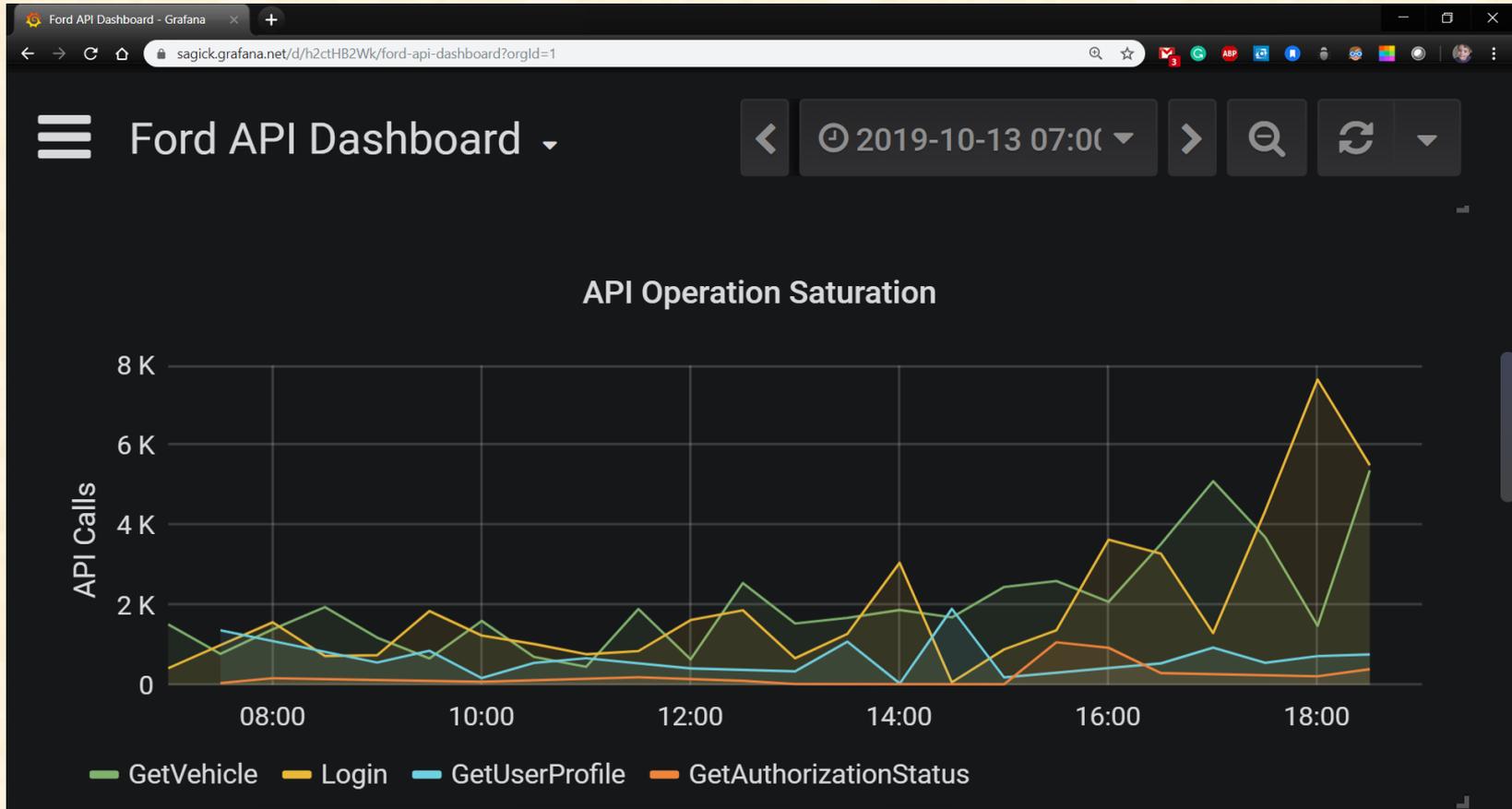
# System Architecture



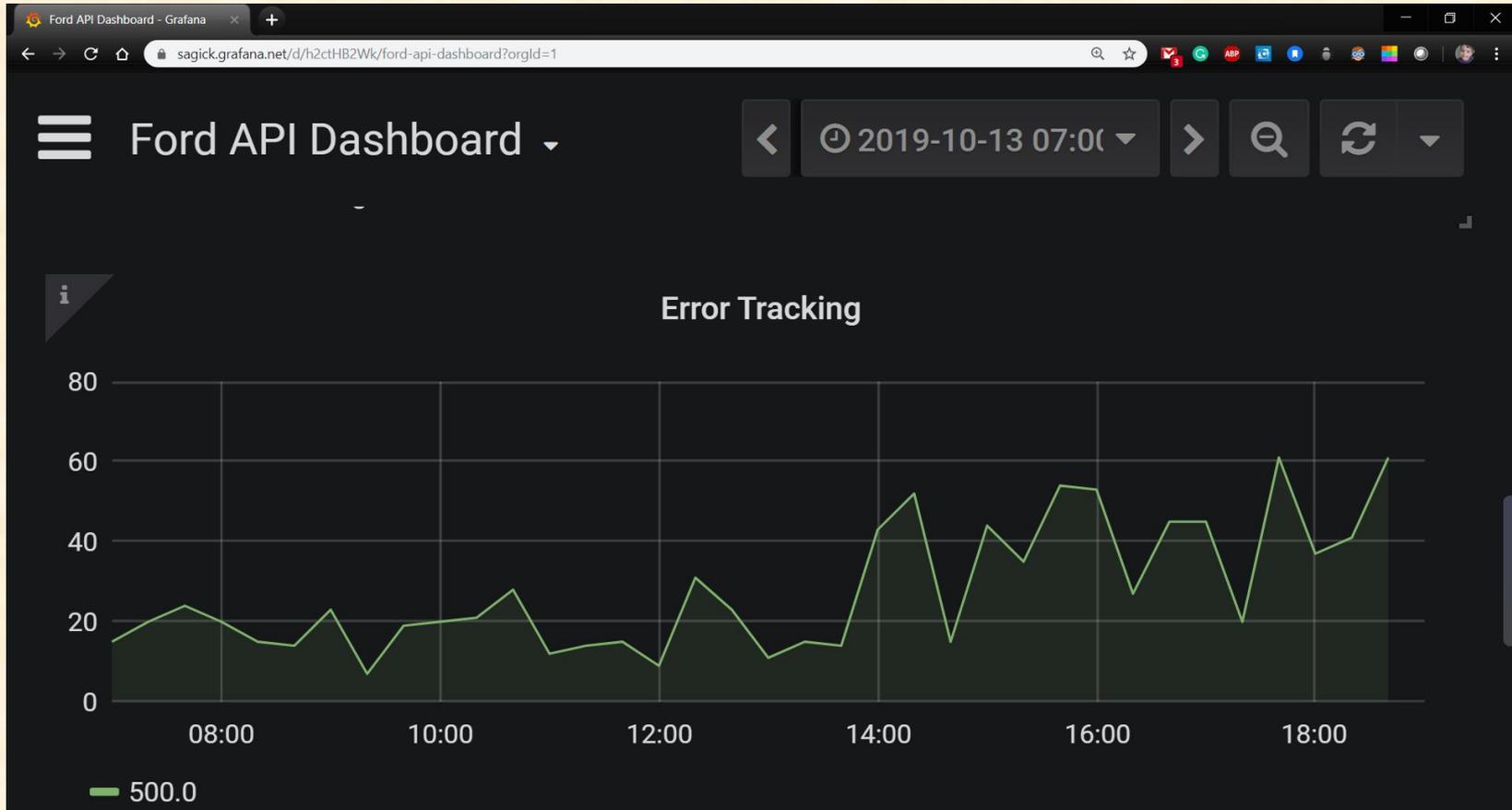
# Traffic



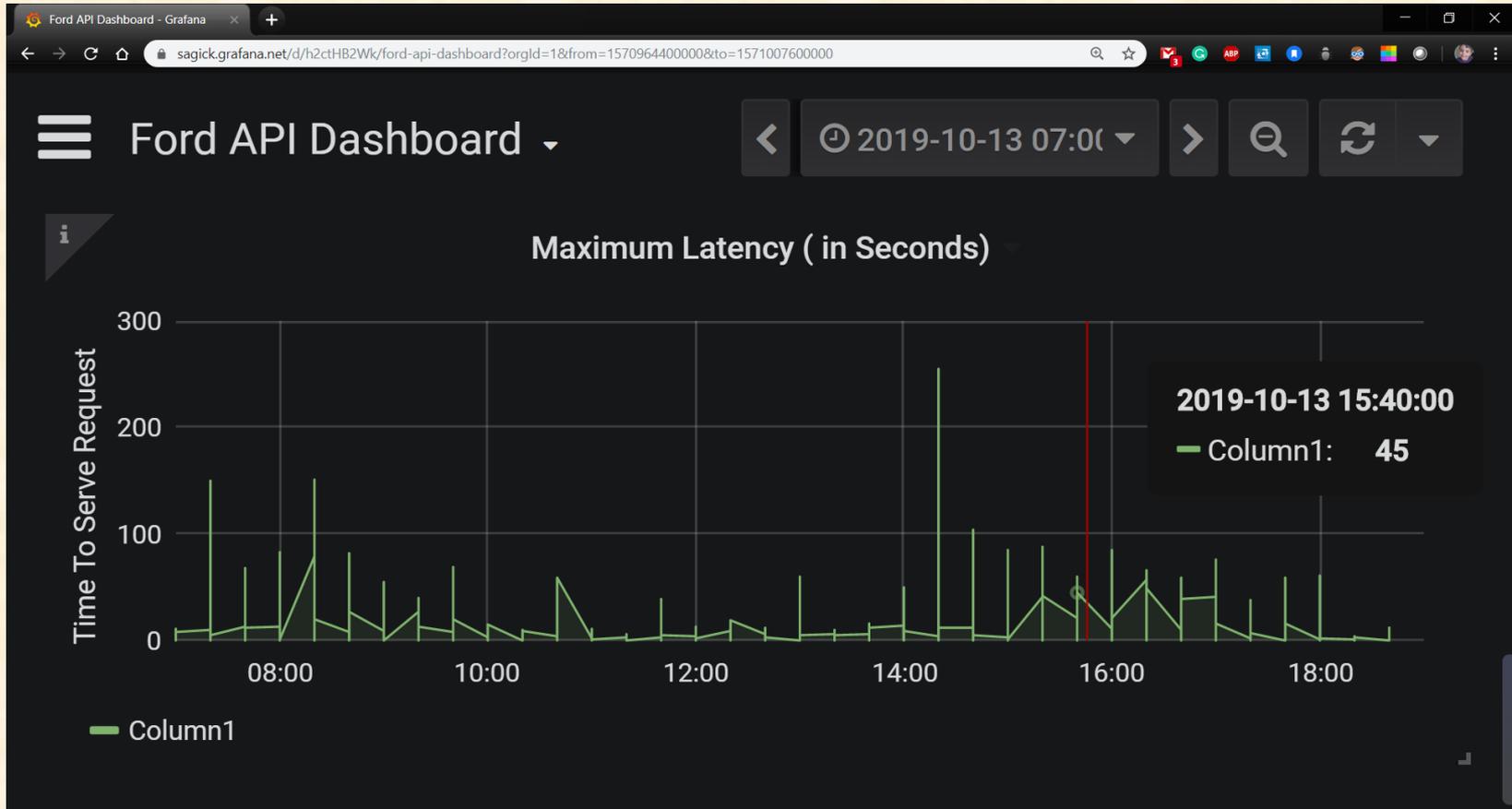
# Saturation



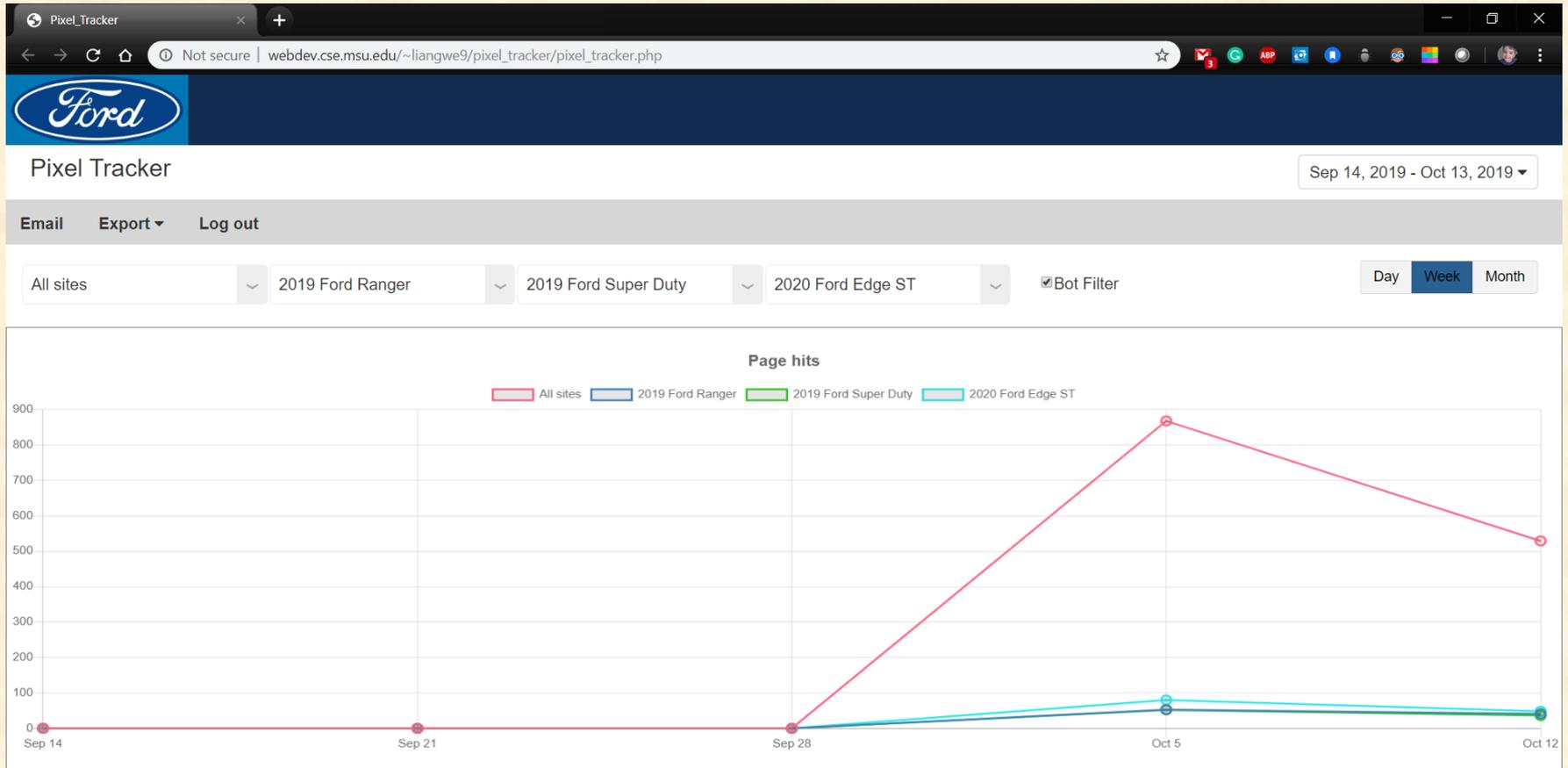
# Latency



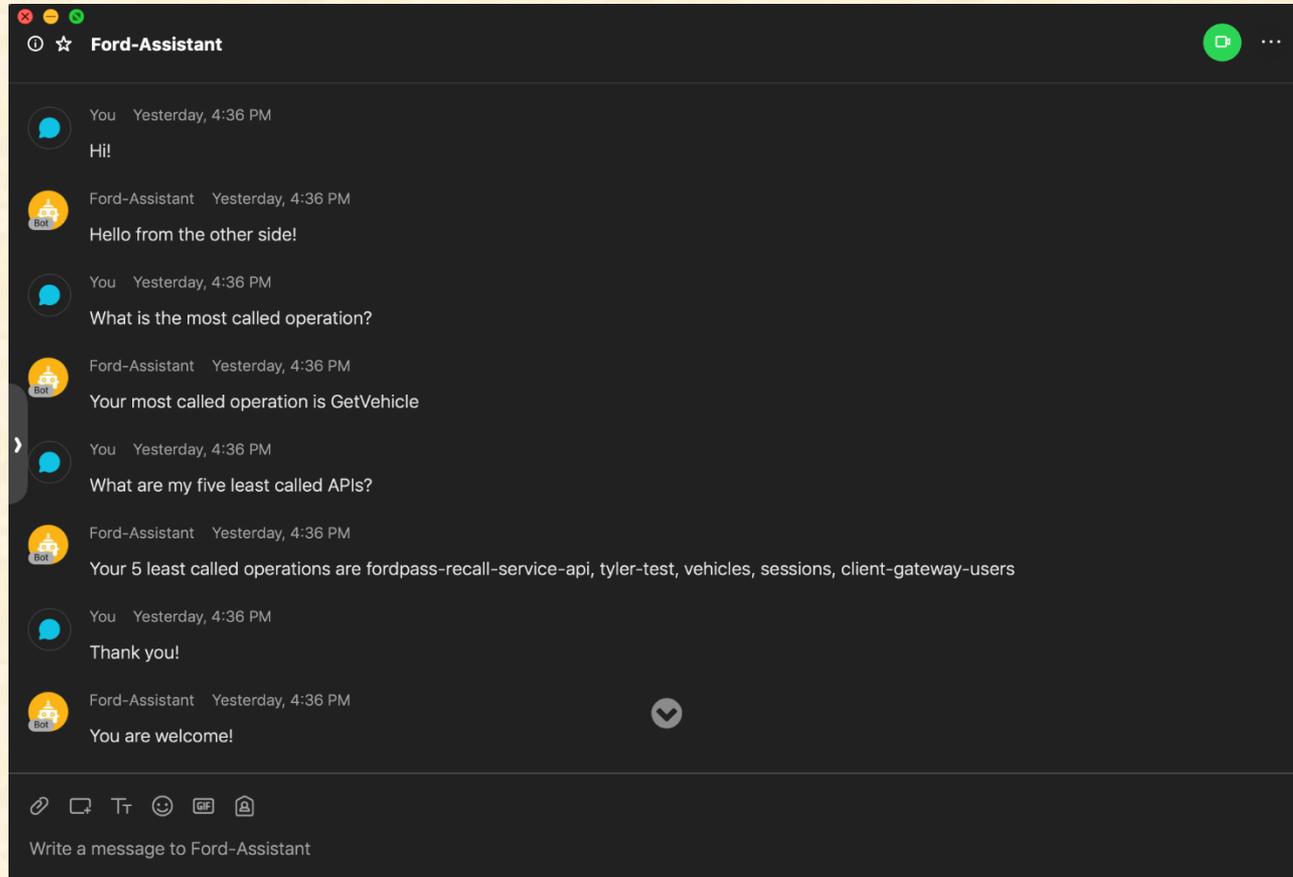
# Errors



# Pixel Tracker



# WebEx Teams Chatbot



# What's left to do?

---

- Create an Admin portal for the dashboard
- WebExTeams Chatbot
  - Add More Commands
  - Reports Dispatcher
  - Add Alerts
- Create Slack bot using the same engine



# Questions?

---

?

?

?

?

?

?

?

?

?

