# MICHIGAN STATE UNIVERSITY Alpha Presentation Dashboard for Data Visualization The Capstone Experience

#### Team Magna

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From Students... ...to Professionals

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#### **Project Overview**

- Increase accessibility to deliver robot fleet data
- Provide daily updates on the status of bot fleet or individual robots
- Display fleet history for analysis
- Allow for management of fleet by filtering data

## System Architecture



The Capstone Experience

# **Daily Dashboard**



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## What's left to do?

- Tasks left to complete MVP:
  - Dashboard for emergencies
  - Login credentials
  - Reproduce our software with Magna's systems
  - Continue stress testing dashboards
- Stretch goals:
  - Automated dashboard summary through email
  - Emergency stop GPS markers

## **Questions?**

