



# Alpha Presentation Dashboard for Data Visualization

The Capstone Experience

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

Fall 2022

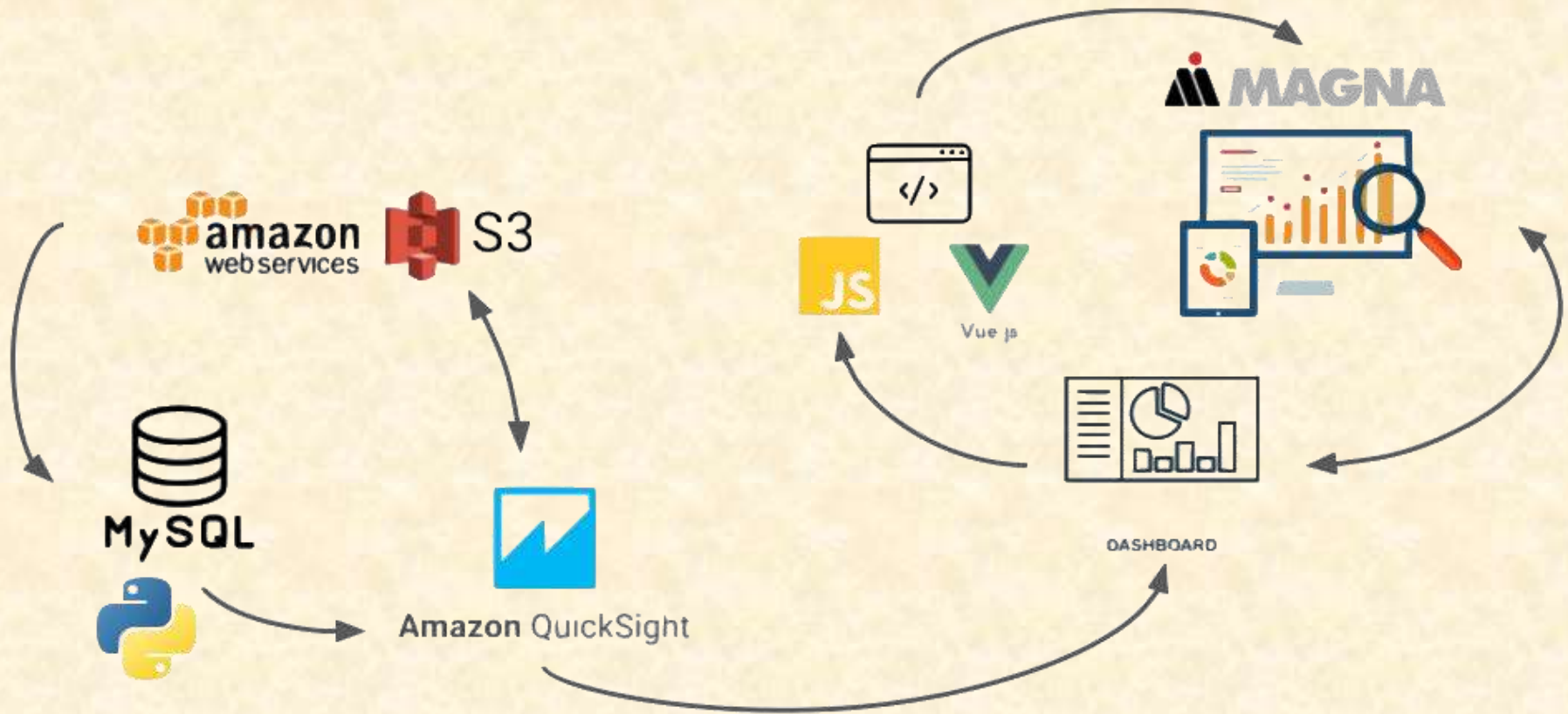
# Project Overview

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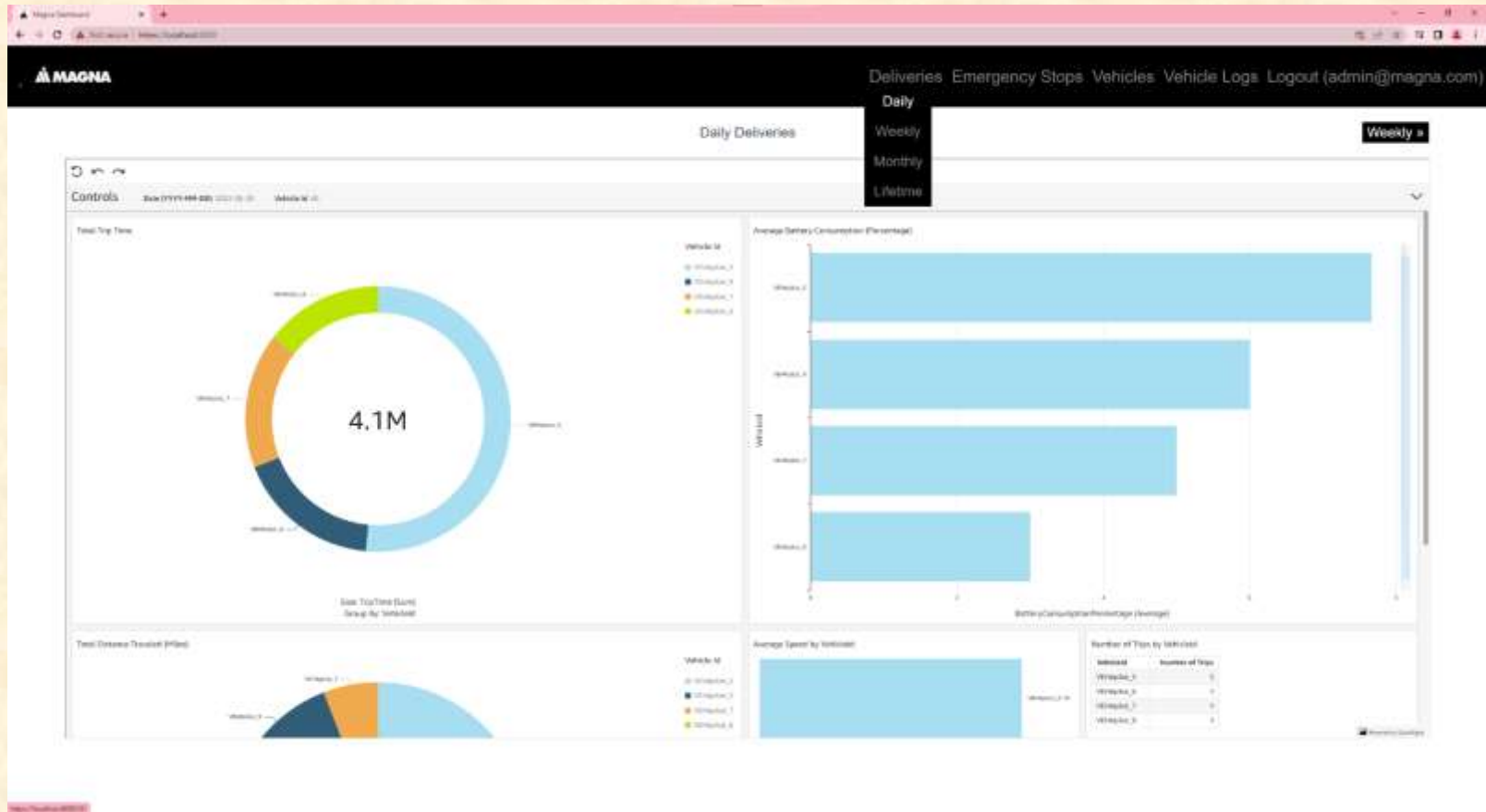
- Increase accessibility to deliver robot fleet data
- Provide daily updates on the status of bot fleet or individual robots
- Display fleet history for analysis
- Allow for management of fleet by filtering data



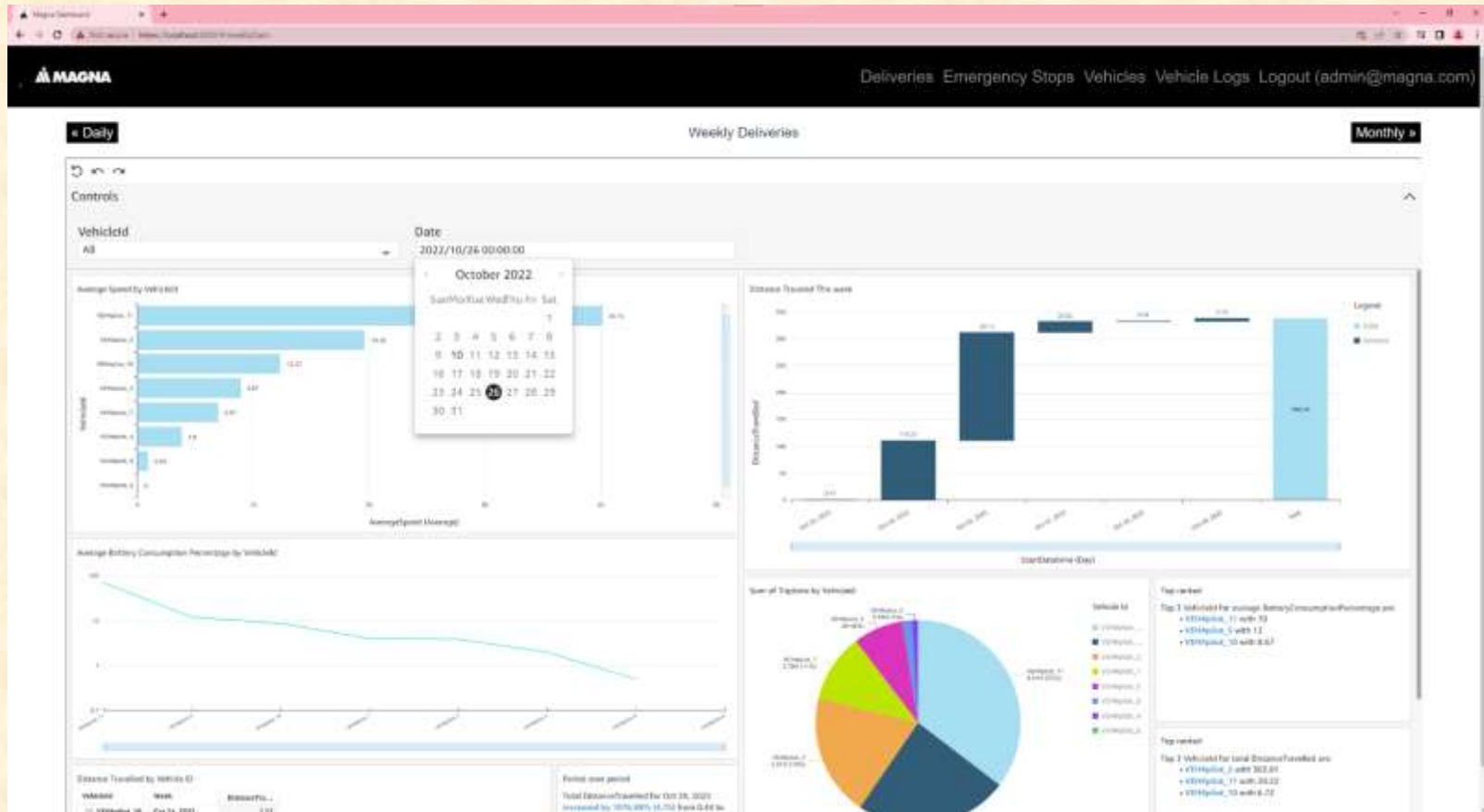
# System Architecture



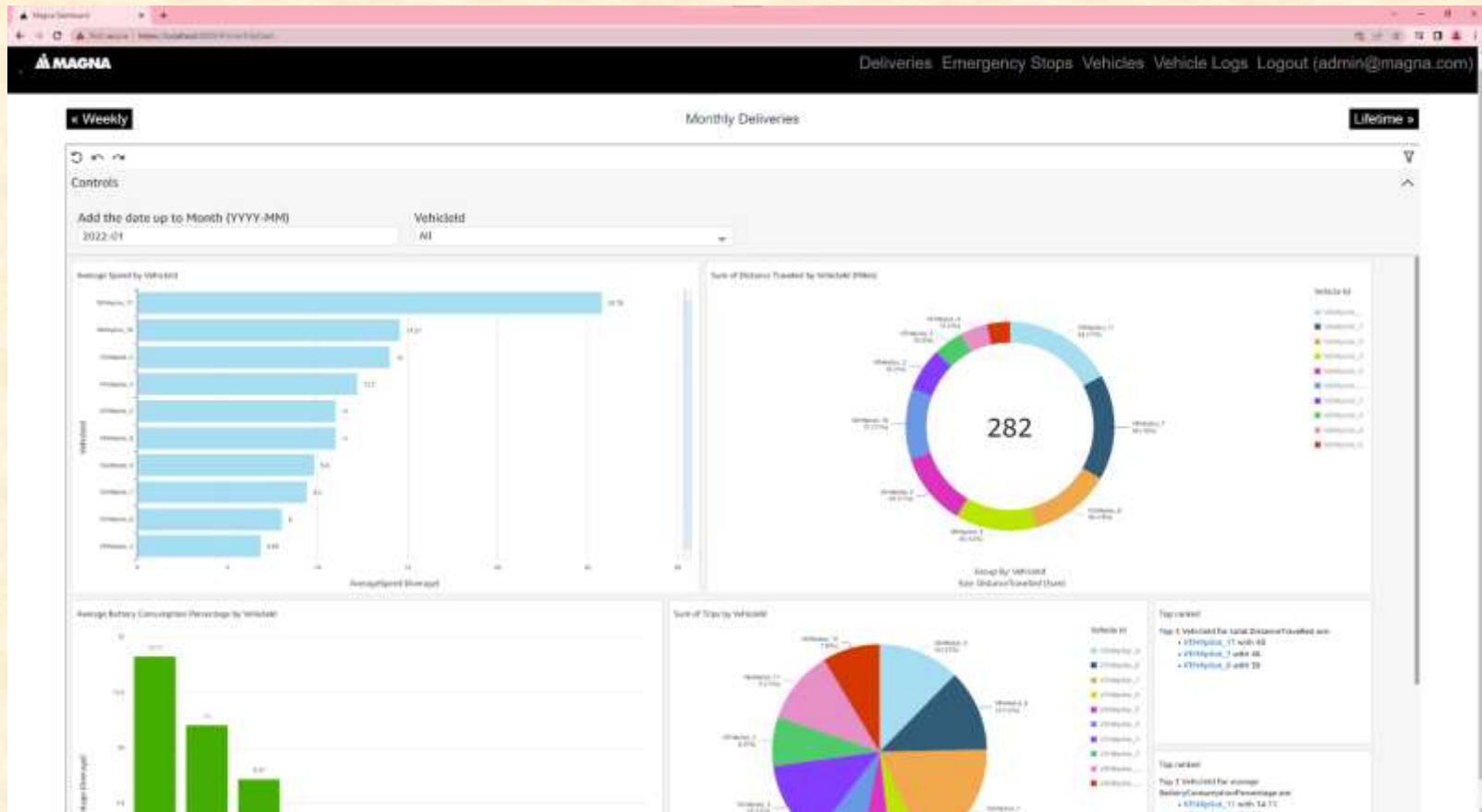
# Daily Dashboard



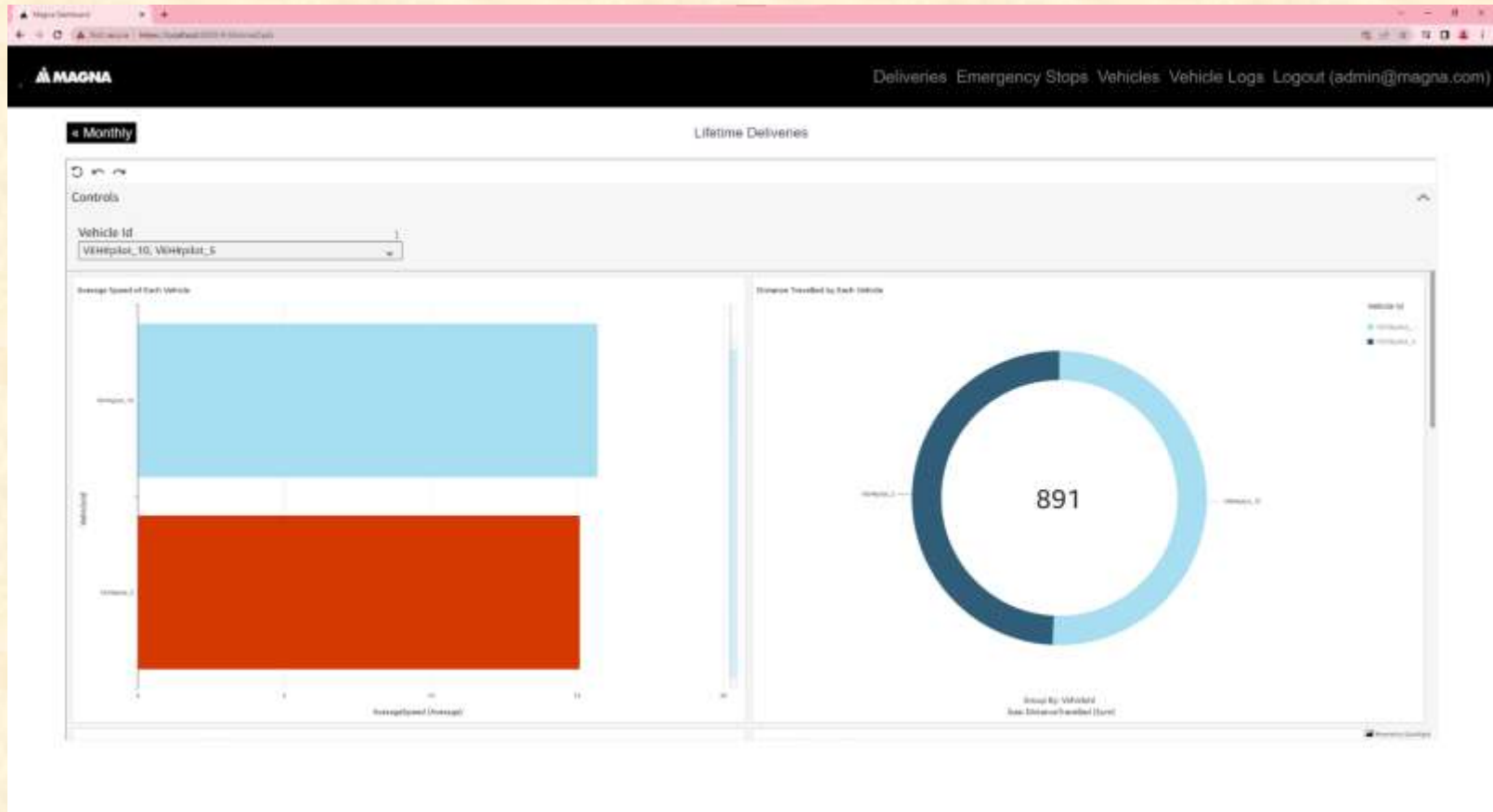
# Weekly Dashboard



# Monthly Dashboard



# Lifetime Dashboard



# 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?

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