

**MICHIGAN STATE**  

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**U N I V E R S I T Y**

# Alpha Presentation

## VIN-Verse

The Capstone Experience

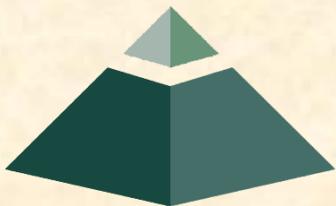
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*From Students...  
...to Professionals*

Department of Computer Science and Engineering  
Michigan State University

Fall 2018

# Project Overview

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- A digital platform for owners, servicers, and manufacturers to streamline vehicle history management
- Leverages Urban Science's robust data-set
- Allows owners to manage who can view their vehicle's history
- Display analytics on aggregated vehicle service records



# System Architecture

## Data Feeds



Manufacturer



Service Repair Facility



Consumers



Potential Buyers

Service Records

Repair orders and service history

Self-reported repairs and service history

View vehicle history

## Front-End



## Integration Engine



## Back-End



Microsoft SQL Server

HTTP Requests

ASP.net



# What's left to do?

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- Role-based functionality
- Role-based UI
- Analytics Dashboard
- Flesh out Integration Engine



# Questions?

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