

**MICHIGAN STATE**  

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

# Alpha Presentation

## Autonomous Vehicle Fleet Connectivity App

### The Capstone Experience

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

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# Project Overview

- Functionalities
  - Provide tools to manage an autonomous vehicle fleet
- Features
  - Catalogue information about vehicles
  - Send push notifications from app about vehicles
  - See real-time alerts and diagnostics of vehicles
  - Provide driver survey at the end of scheduled testing
- Technologies
  - Angular
  - Microsoft Azure Services



# System Architecture

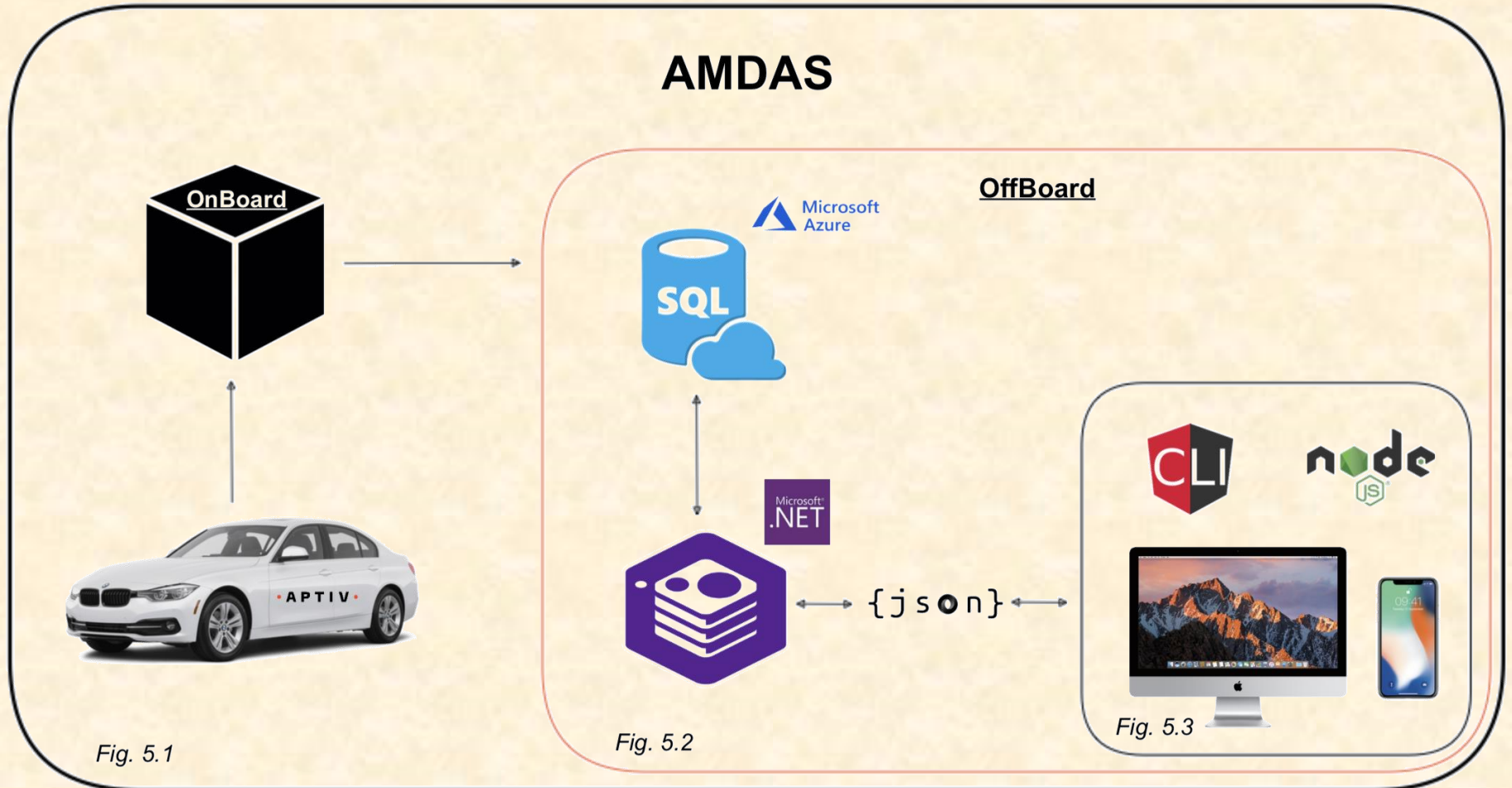


Fig. 5.1

Fig. 5.2

Fig. 5.3



# What's left to do?

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- Implement driver survey functionality
- Pull and push database information
- Communicate with login server
- Send email notifications



# Questions?

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