Alpha Presentation
Autonomous Vehicle Fleet Connectivity App

The Capstone Experience

Team Aptiv
Emilio Castillo
Drew Glapa
Klint Kaercher
Chad Krause
Alexander Patton

Department of Computer Science and Engineering
Michigan State University
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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

AMDAS

Fig. 5.1

OnBoard

OffBoard

Fig. 5.2

SQL

{json}

Fig. 5.3

Microsoft Azure

Microsoft .NET

CLI

node
What’s left to do?

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