Alpha Presentation
AuditBuddy

The Capstone Experience
Team Urban Science

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Spring 2024
Project Overview

• Determine if a dealership is compliant with given brand standards
• Solves a laborious task by utilizing AI to analyze video footage from dealerships
• Will be used by the Urban Science audit team through a web application
System Architecture

Diagram showing the system architecture with components such as API, Firebase, Flask, React, Docker Container, and various packages. The diagram illustrates the flow of data and services, including HTTP requests.
Upload Page

Upload Media

Complete the form below and press ‘Analyze’ to process the audit data

Dealership
- Dealership Name: Graff Chevrolet
- Brand: Chevrolet
- Department: Sales
- Country: USA

Detection
- LOGOS
- DISPLAY CARS
- PARKING SPACES
- HOSPITALITY
- SPATIAL

Drag & Drop your files or Browse

- dealership_showroom.jpg
- dealership_outside.jpg

ANALYZE
Results Page
Dealership Card Pop-up
Advanced Results Page

AuditBuddy Results for 2024-02-18T17:44:29.474Z at Williams Volkswagen

Logo Results
Overall Grade:
VIEW ADVANCED DETAILS

Car Detection
Overall Grade:
VIEW ADVANCED DETAILS

Parking Space
Overall Grade:
VIEW ADVANCED DETAILS

Hospitality
Overall Grade:
VIEW ADVANCED DETAILS
What’s left to do?

• Generate personalized results for dealerships
• Preset dealership selection for auditors
• Further optimize our computer vision models
• Create a dashboard with various graphs
• Additional functionality to admin users
• Make web app mobile responsive
• Integrate Emotional Recognition API
Questions?