Beta Presentation
AuditBuddy

The Capstone Experience

Team Urban Science
Ashley Tran
Aman Todi
Brendan Cleland
Jared Bloch
Matthew Wu

Department of Computer Science and Engineering
Michigan State University
Spring 2024
Project Overview

• Determine if a dealership is compliant with given brand standards
• Solve a laborious task by utilizing AI to analyze photos and videos captured at dealerships
• Provide a user-friendly web application for Urban Science car dealership auditors
System Architecture
Media Upload
Audit Results
Review Hospitality Results

Category Score: 1 out of 4
Detected Value: 7
Expected Value Range:
- Minimum: 8
- Above Minimum: 11
- Well Over Minimum: 14

Based on the analysis, here’s how the results are interpreted:
The detected value falls below the minimum dealership standard. Improvement is needed.
Admin Dashboard

[Image of Admin Dashboard]

### New Changes

#### Top Dealerships

<table>
<thead>
<tr>
<th>UID</th>
<th>Dealership Name</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE1</td>
<td>Les Standford Chevrolet</td>
<td>18</td>
</tr>
<tr>
<td>FDR1</td>
<td>Lansing Ford</td>
<td>9</td>
</tr>
<tr>
<td>CHE4</td>
<td>Shaheen Chevrolet</td>
<td>9</td>
</tr>
<tr>
<td>AUD1</td>
<td>test</td>
<td>8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dealership</th>
<th>Search:</th>
<th>Logo Avg</th>
<th>Car Avg</th>
<th>Parking Avg</th>
<th>Hospitality Avg</th>
<th>Spatial Avg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lansing Ford</td>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Les Standford Chevrolet</td>
<td></td>
<td>4</td>
<td>2.67</td>
<td>1</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Shaheen Chevrolet</td>
<td></td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>test</td>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>4</td>
</tr>
</tbody>
</table>

Dashboard Graph
What’s left to do?

• Stretch Goals
  ▪ Add manual evaluation score and feedback
  ▪ Create a downloadable pdf version of the report

• Other Tasks
  ▪ Make the dashboard look nicer
  ▪ Clean up any redundant code
  ▪ Create more mock tests
Questions?