From Students…
…to Professionals

MICHIGAN STATE UNIVERSITY

Beta Presentation
House of Hazards
The Capstone Experience

Team Auto-Owners
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Project Overview

• Virtual Reality (VR) Game
• Education of Home Insurance Concepts
• Engaging Learning Environment
• For Auto-Owners’ Associates
• Foundation for Future VR Projects
System Architecture

Oculus Rift Headset

Oculus Sensors

Senses Motions

Renders Game

Transfer data

Senses Motions/
controller input

Game Engine

Oculus Rift Touch Controller
Main Menu

Auto-Owners
Insurance

House of Hazards

Easy
Medium
Hard
Leaderboard
Tutorial
Scene View
In-game House View
Interactions
Keyboard

Enter your initials for the leaderboards!

KMS
An aggressive dog may be thought of to homeowners as a theft and burglary deterrent, but it can impose hazards as well. If a dog bites or even threatens an unsuspecting guest to the home that could cause injury to others. Another possibility is a liability suit brought against the homeowner for neglect of keeping the dog tied up. This is considered neglect and the owner is liable.
Leaderboard

<table>
<thead>
<tr>
<th>Easy</th>
<th>Medium</th>
<th>Hard</th>
<th>Combined</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMS: 1500</td>
<td>KMS: 1500</td>
<td>KMS: 1500</td>
<td>KMS: 1500 (Medium)</td>
</tr>
<tr>
<td>BLW: 1275</td>
<td>BLW: 1275</td>
<td>BLW: 1275</td>
<td>BLW: 1275 (Easy)</td>
</tr>
<tr>
<td>KJN: 1000</td>
<td>KJN: 1000</td>
<td>KJN: 1000</td>
<td>KJN: 1000 (Hard)</td>
</tr>
<tr>
<td>MHD: 100</td>
<td>MHD: 100</td>
<td>MHD: 100</td>
<td>MHD: 100 (Medium)</td>
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Tutorial
What’s left to do?

• Finish Project Video
• Present at Auto-Owners
• General Project Cleanup
• Design Day Presentation
Questions?