

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

PIG: Policyholder's Interactive Guide

The Capstone Experience

Team Auto-Owners

Jake Rhodes
Cole Tackett
Chase Hawley
John Landers
Daniel Sohn

Department of Computer Science and Engineering
Michigan State University

Spring 2024



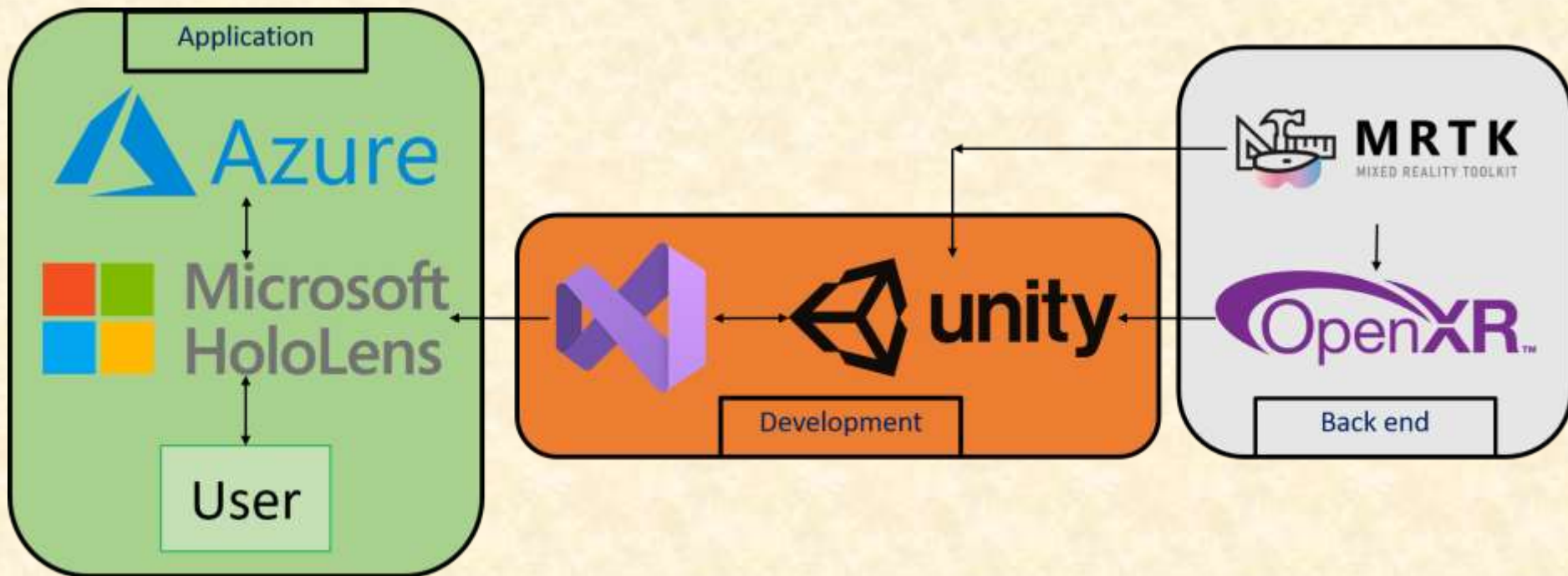
*From Students...
...to Professionals*

Project Overview

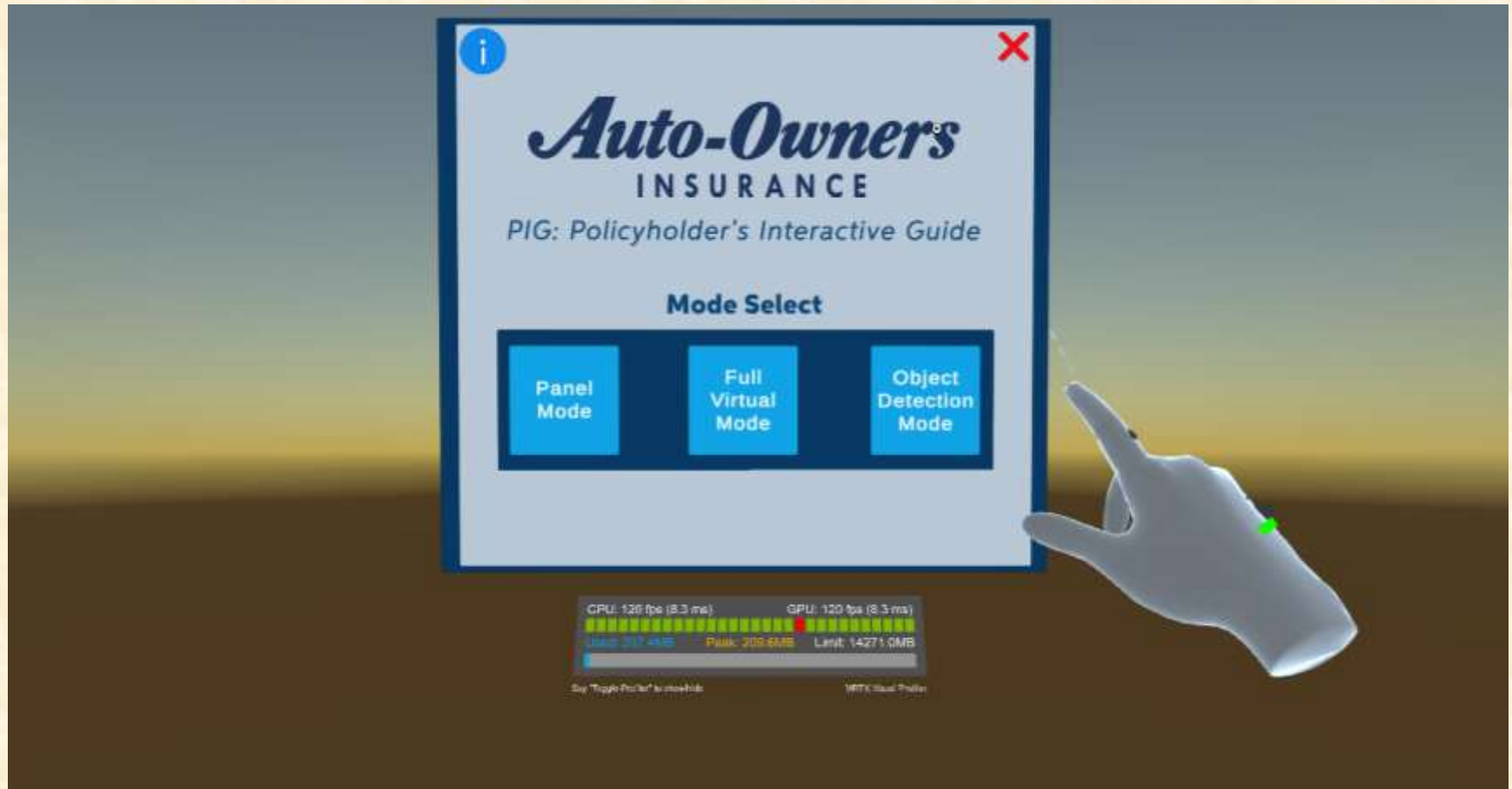
- Interactable way for users to learn more about loss prevention and insurance implications
- Allows users to access coverage information in three different modes
- Panel Mode is a two-dimensional menu with a list of items
- Full Virtual Object Mode enables users to interact with a vehicle model and select individual items
- In Object Detection Mode the user approaches a real-world object and can view associated insurance information



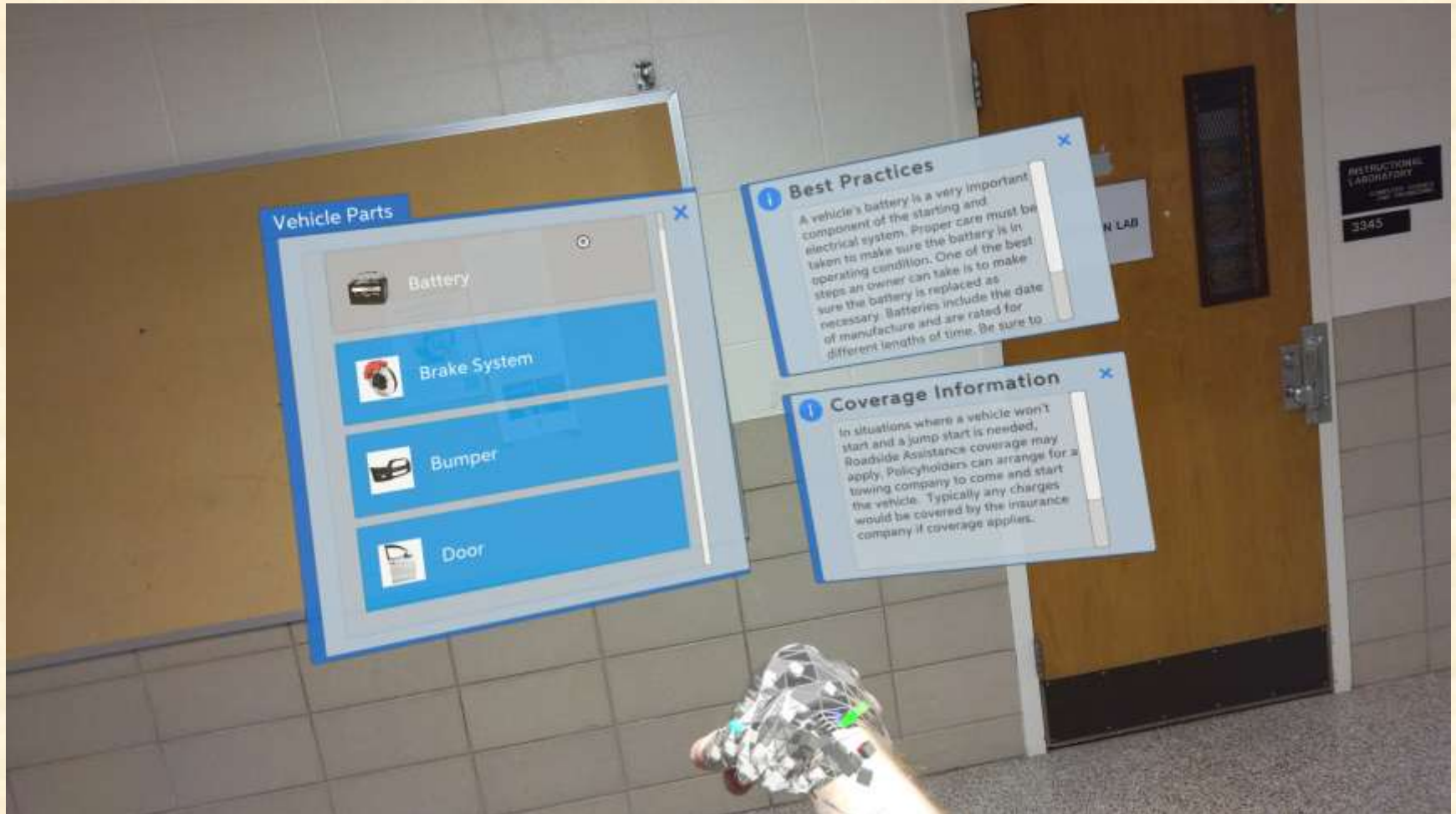
System Architecture



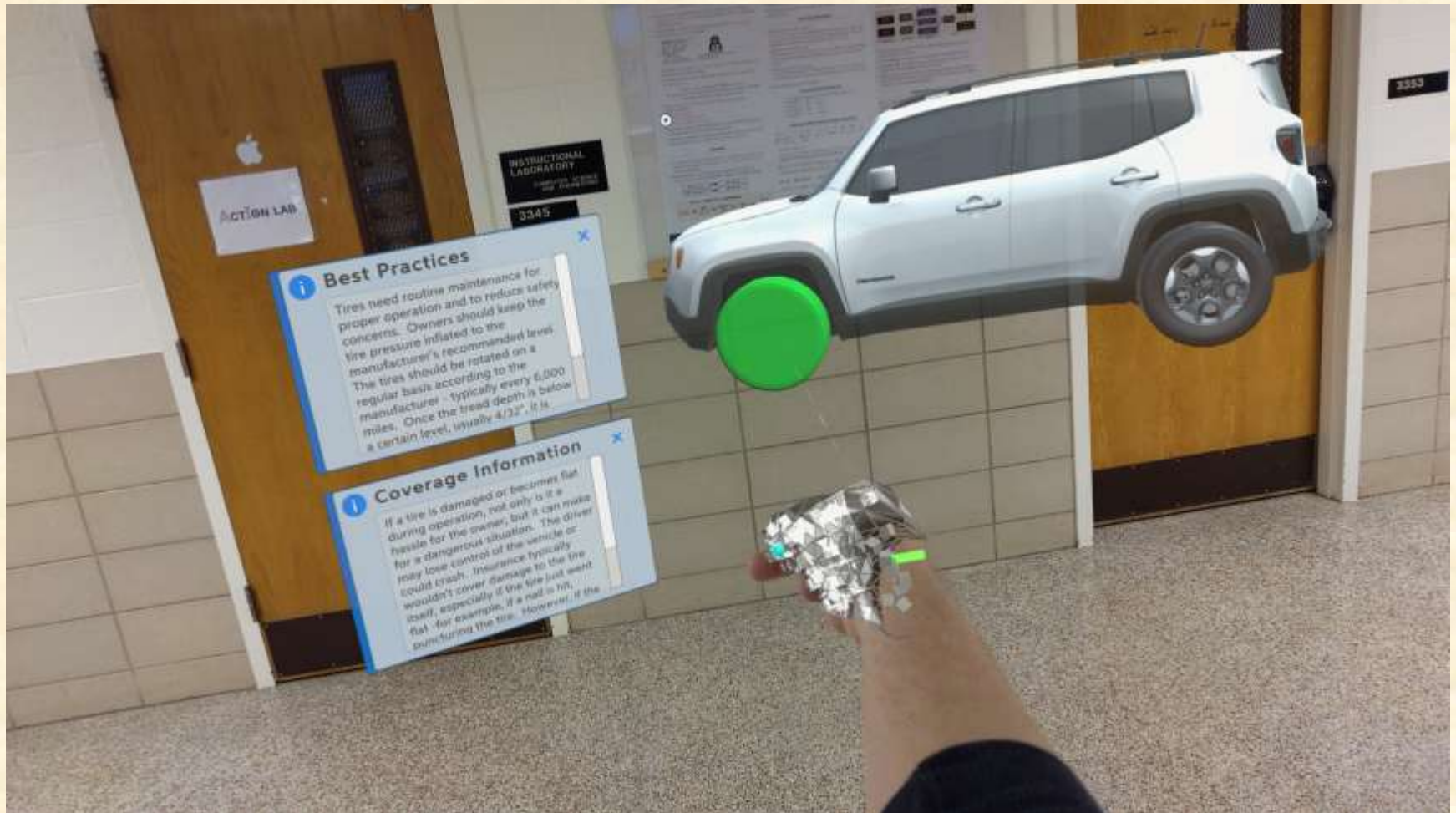
Main Mode Select



Panel Mode



Full Virtual Object Mode



Panel Mode Interaction



What's left to do?

- Completion of Object Detection Mode
- Implementing object selection in Full Virtual Object Mode
- Differentiating gesture controls
- Finalize tutorial system
- Combine individual systems into single build
- Stretch goals



Questions?

?

?

?

?

?

?

?

?

?

