MICHIGAN STATE UNIVERSITY

Beta Presentation
Virtual Reality Aircraft Walkaround

The Capstone Experience

Team United Airlines Safety

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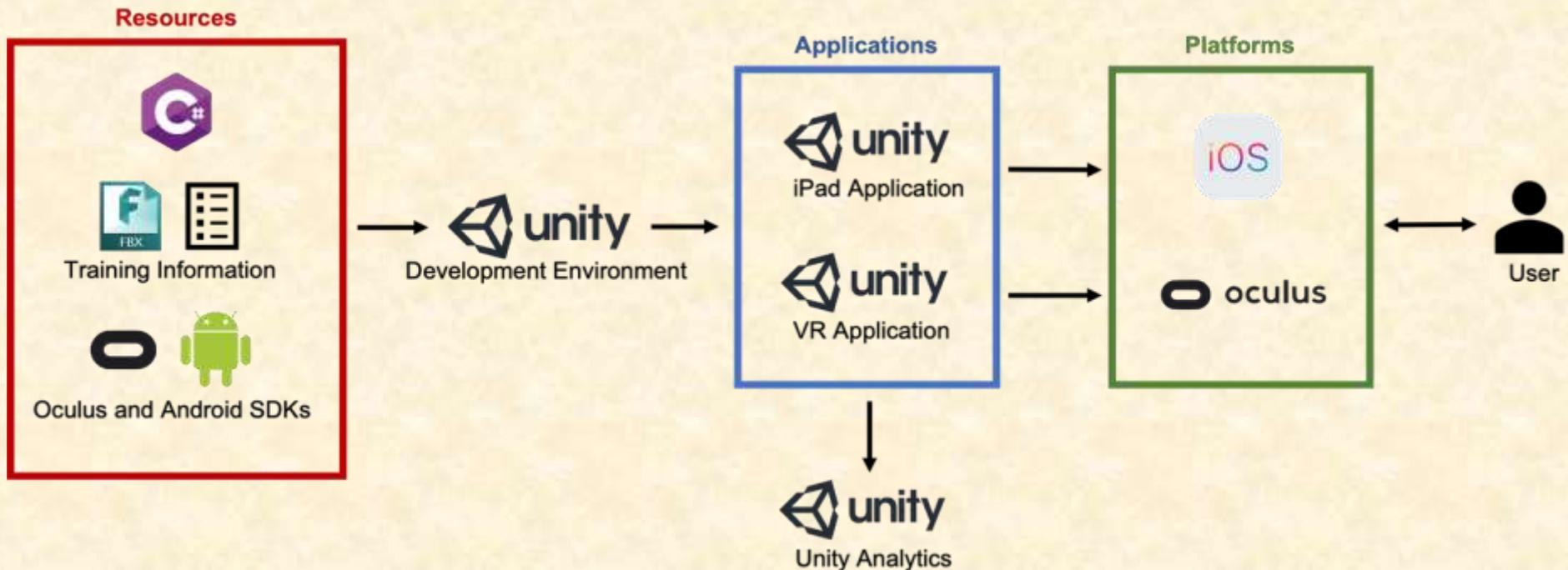Ellie Locatis
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From Students…
…to Professionals

Project Overview

- Train technicians to spot aircraft defects
- Teach what to look for at various locations of the aircraft in training mode
- Grade ability to accurately spot defects in testing mode
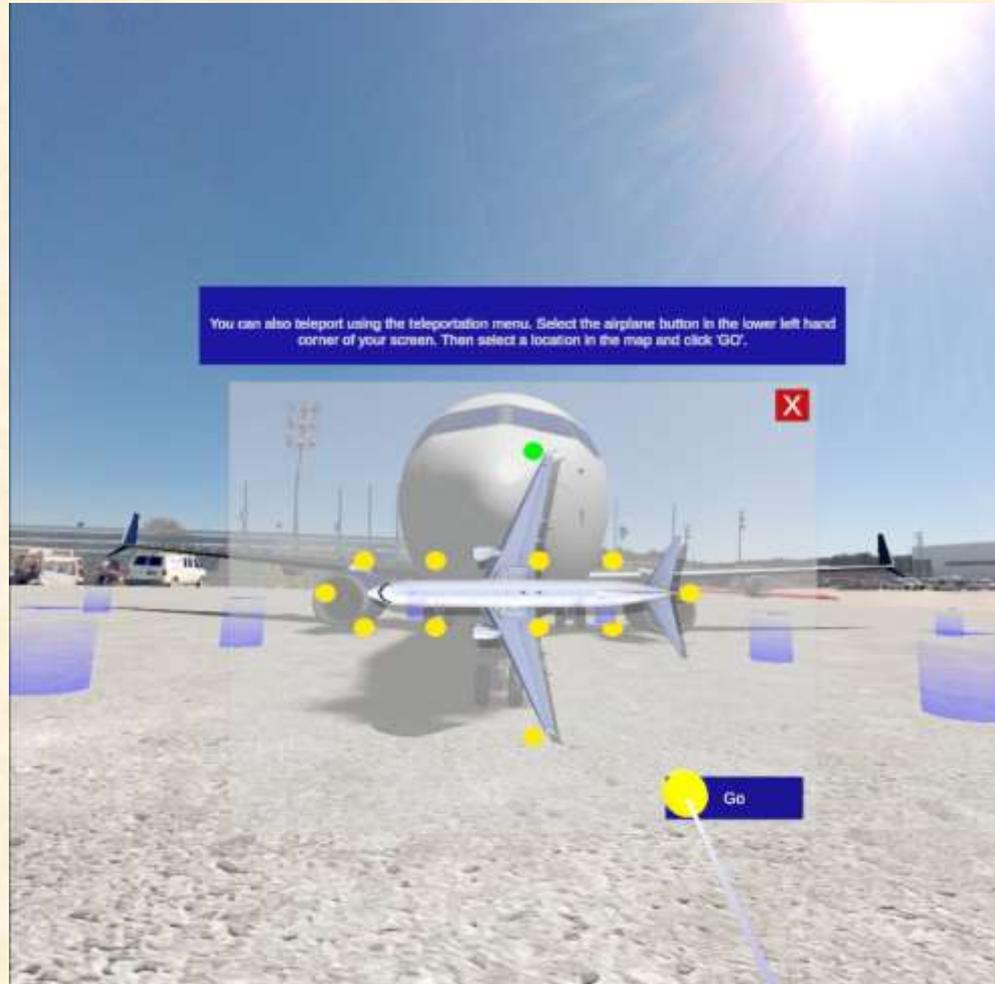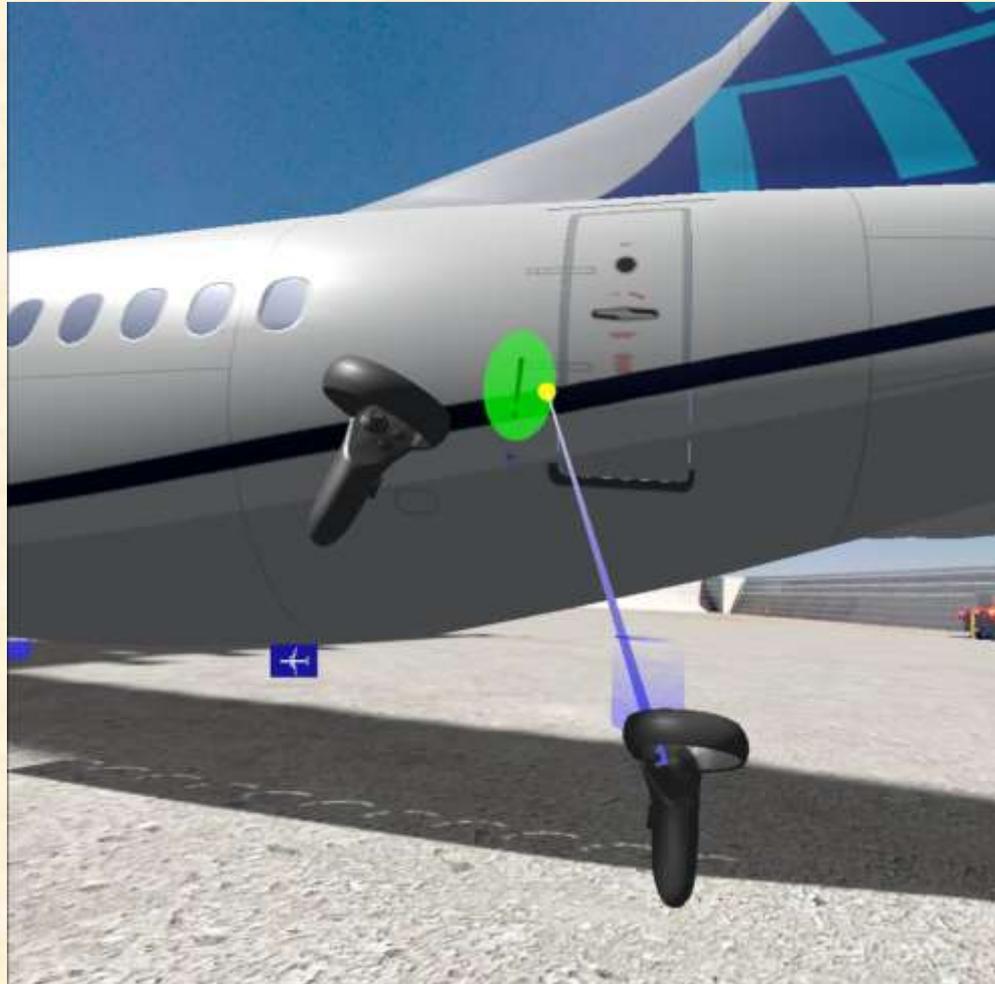- Available on Oculus Quest and iPad

System Architecture

Teleportation Points on Oculus

Teleportation Menu on Oculus
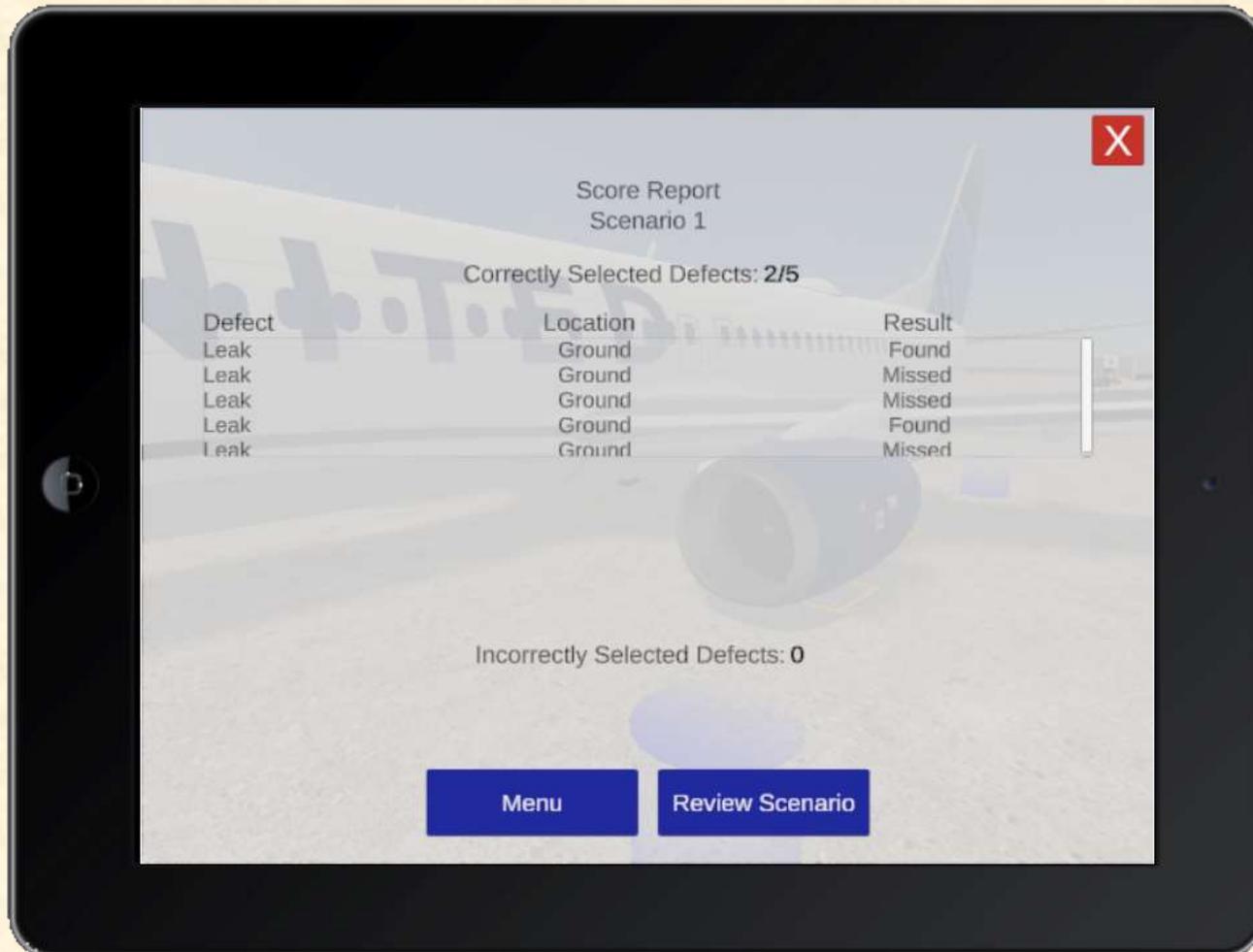
Training Mode on Oculus

Defect Information on iPad

Defect Marking on Oculus

Score Report on iPad

What's left to do?

- Integrate text from the client in training mode
- Bug fixes
- Aesthetics

Questions?