# MICHIGAN STATE UNIVERSITY Beta Presentation Design, Fly and Compete

#### **The Capstone Experience**

#### **Team Boeing**

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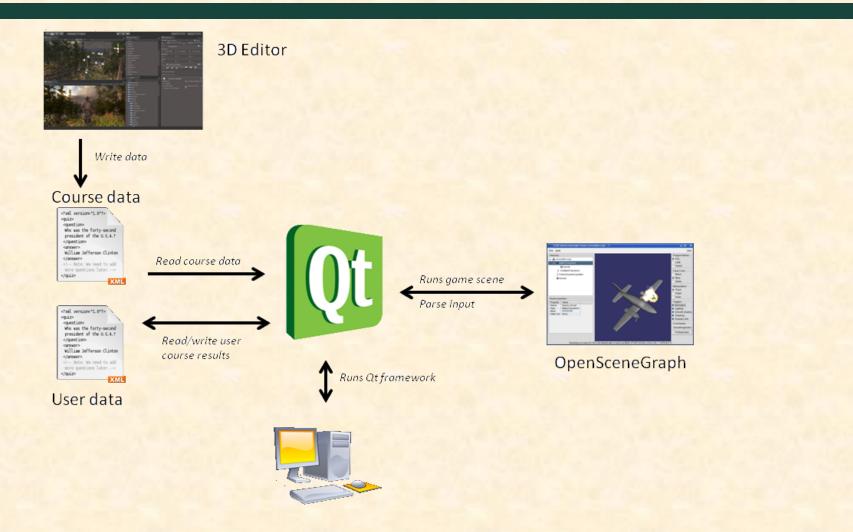


From Students... ...to Professionals

#### **Project Overview**

- "6 Degrees Of Freedom" flight model
- Full single player experience
  - Multiple aircraft
  - Diverse obstacle courses
- High graphical fidelity
- Persistent stat tracking
  - Obstacle course results
  - Multiple users

### System Architecture



The Capstone Experience

PC Team Boeing Beta Presentation

# Menu



#### In-Game

Velocity: 111 meters/s Altitude: 362 meters Heading: 358 (North)

Wind: 4.2 meters/s (From the East)

Fuel: 492 liters



# In-Game (Different Aircraft)

Velocity: 241 meters/s Altitude: 354 meters Heading: 187 (South)

Wind: 4.2 meters/s (From the East)

Fuel: 448 liters



# **Crash Result**

#### What's left to do?

- Courses!
  - Tier progression 1-4
  - Pictures
- Clean up plane data
  - Iterate flight model slightly
- Project video (obviously)
- Explore possible UI fix
- Installer package