MICHIGAN STATE
U N I V E R S I T Y

Beta Presentation
Teacher's Virtual Toolbelt

The Capstone Experience

Team TechSmith

Ryan Cornillie
Alex Crimin
Zeke Zandbergen
Yang He

Department of Computer Science and Engineering
Michigan State University
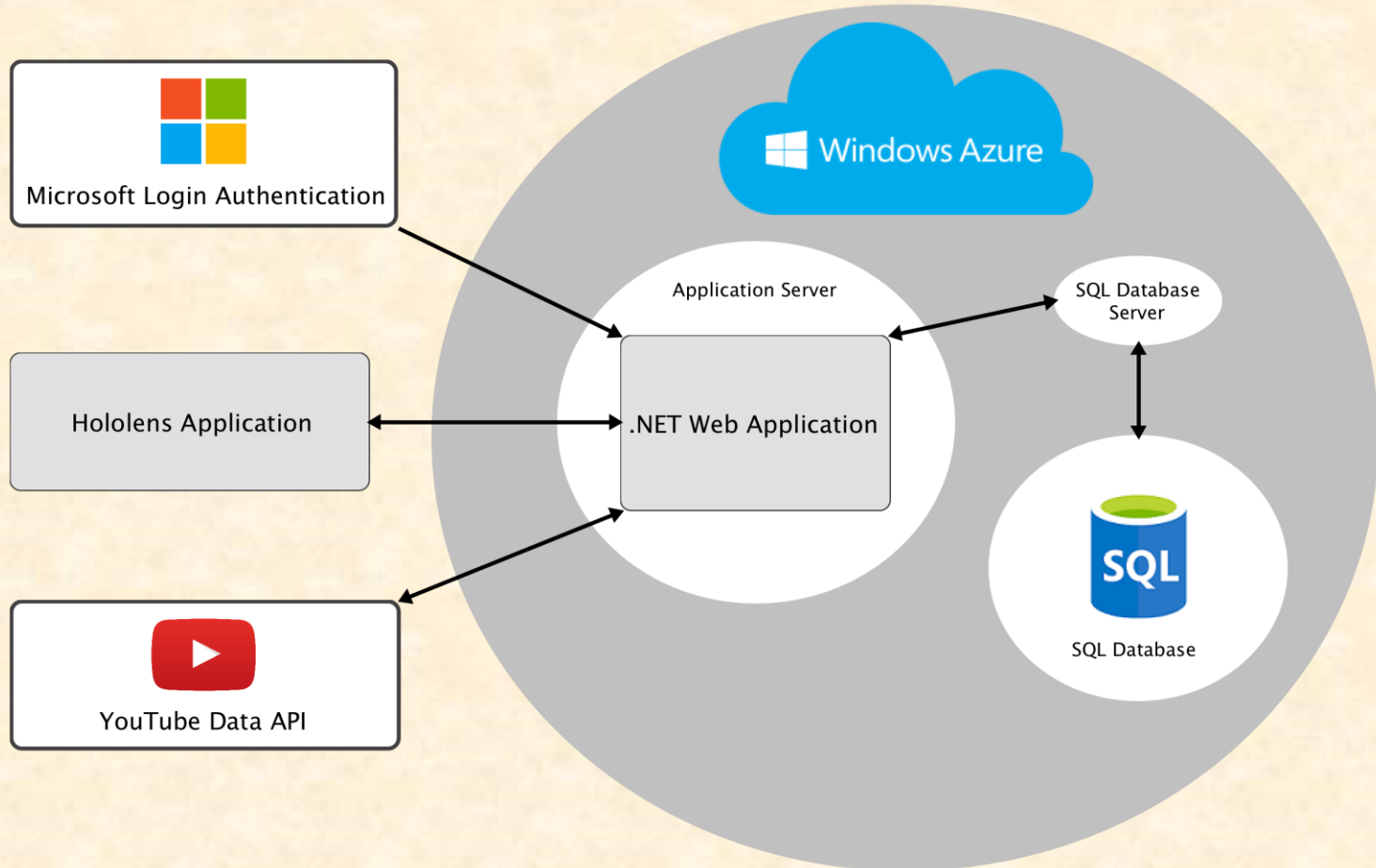
Spring 2017

From Students…
   …to Professionals

Project Overview

- Teach difficult concepts using HoloLens
- Web application
  - Teacher creates and edits lessons
  - Students watch live stream of lessons
- Teacher uses HoloLens to
  - Manipulate holograms
  - Start quizzes
  - View student questions
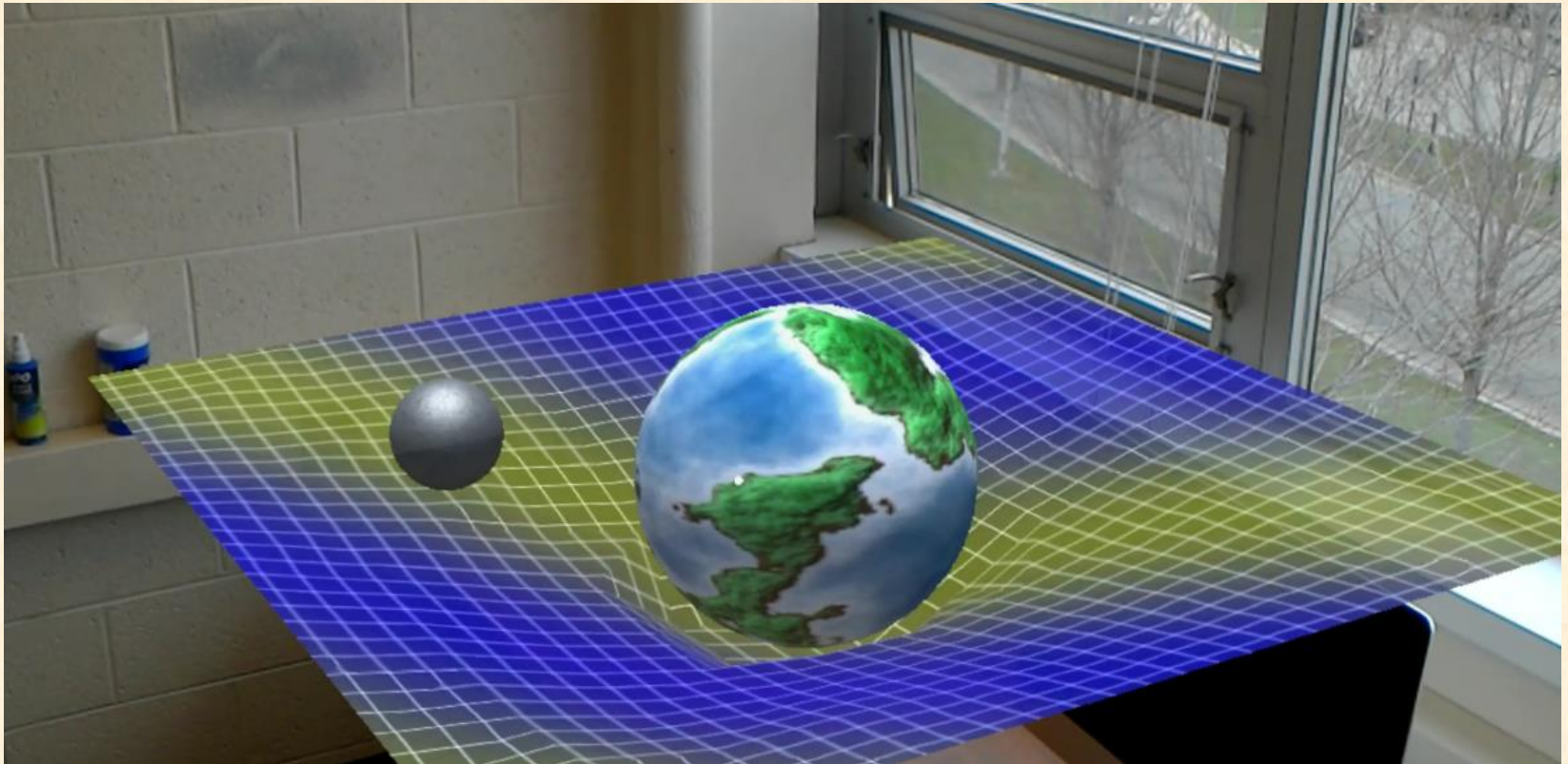
System Architecture

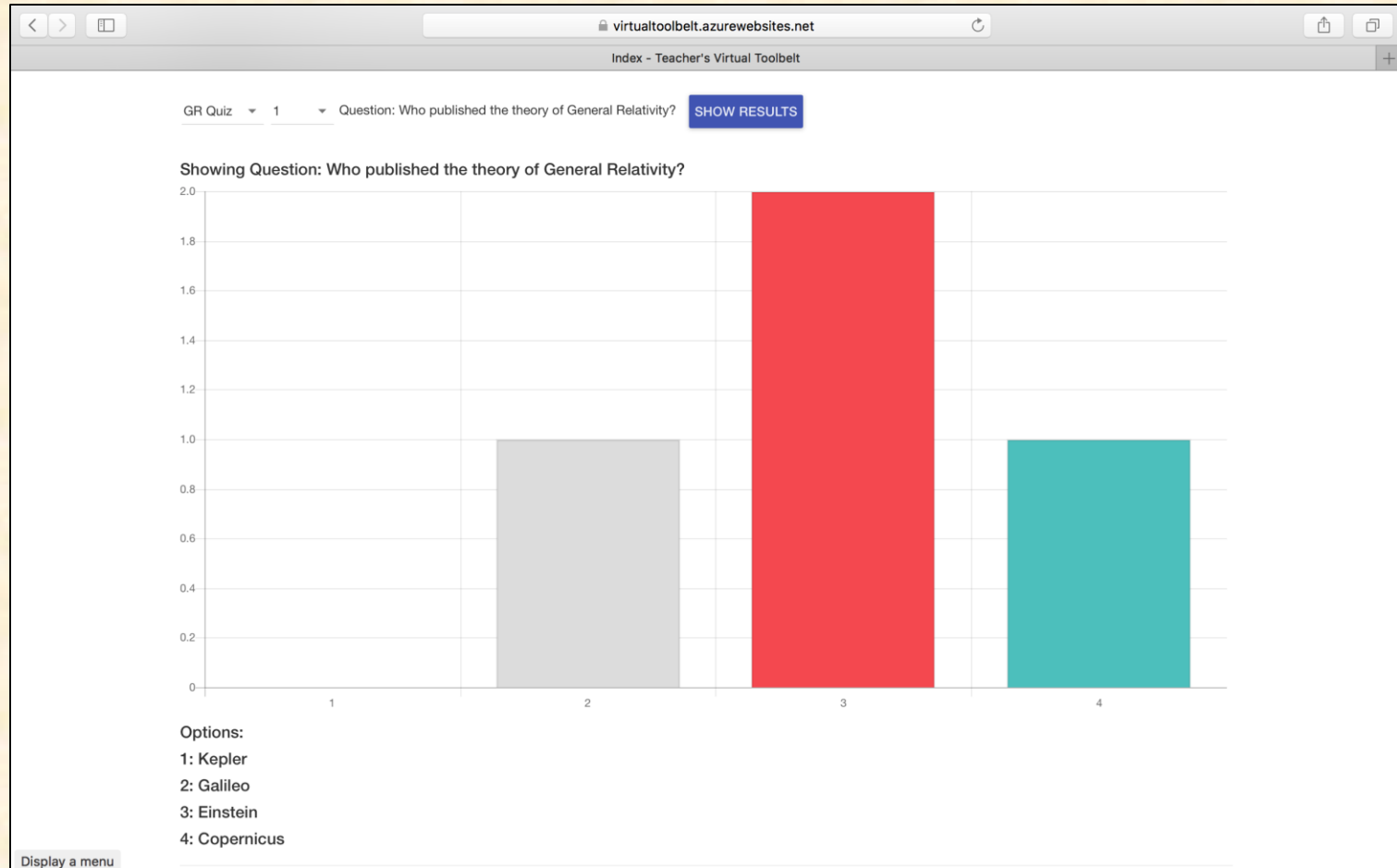# Web Application Homepage

Student Lesson View Page

HoloLens Spacetime Demo

Lesson Quiz Results

What's left to do?

- Quiz timing inconsistencies

- Chat box sizing

- HoloLens UI improvements

Questions?