MICHIGAN STATE UNIVERSITY

Beta Presentation Augmented Reality Utilizing IoT Technology

The Capstone Experience

Team GM

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Fall 2022

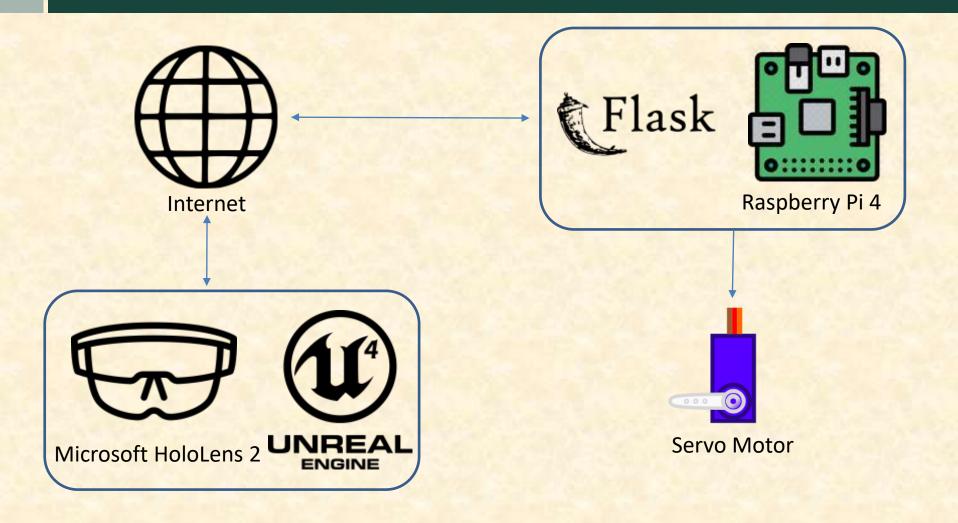


From Students... ...to Professionals

Project Overview

- Augmented reality
- Knowledge gap: AR Interacting with hardware
- Replacement of physical key
- Step-by-step processes executed by nonprofessionals
- Multiple resources hands free
- Increase productivity and safety

System Architecture



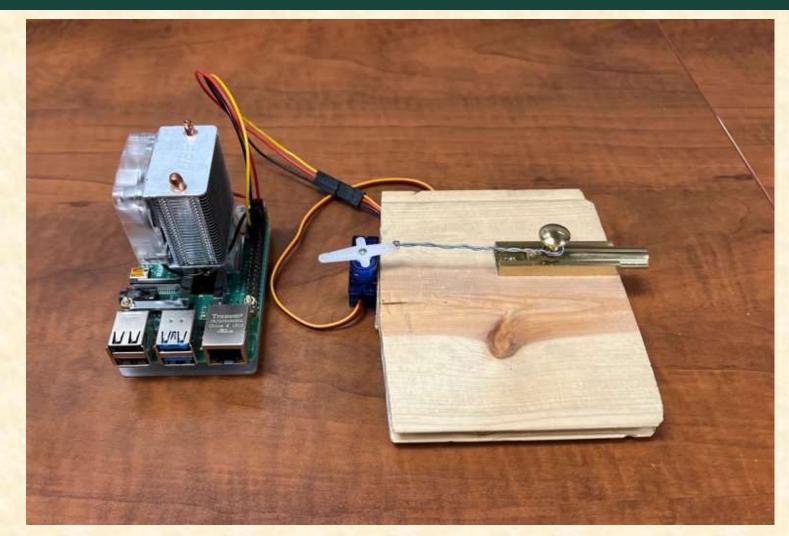
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User Accessing Button



Lock and Raspberry Pi Server



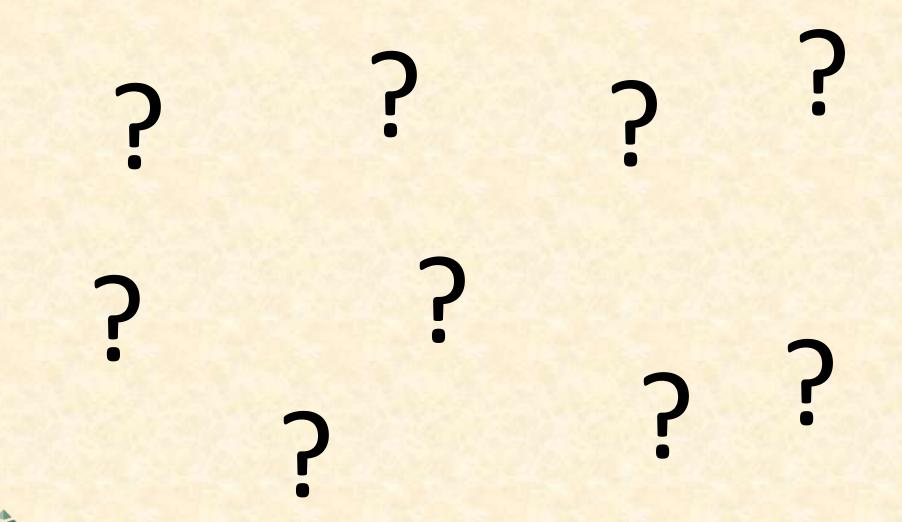
User Opening PDF Via QR Code



What's left to do?

- Stretch Goals
 - Gaze Control
- Other Tasks
 - GM Branding
 - Update QR Code Video

Questions?

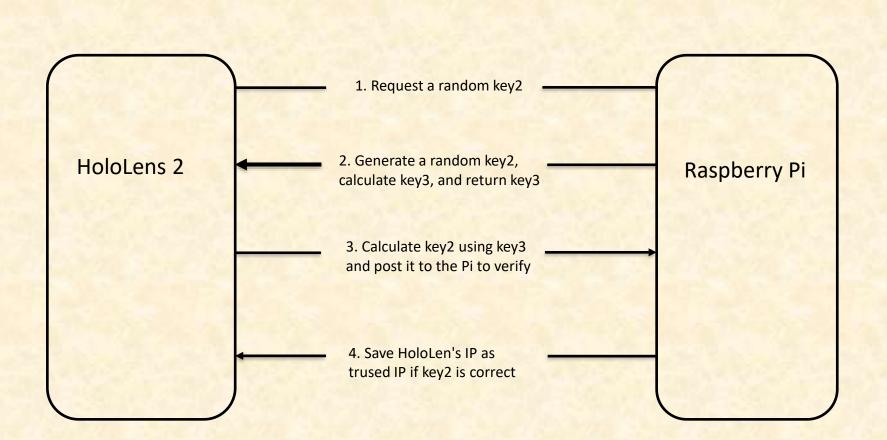


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Network Security





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