

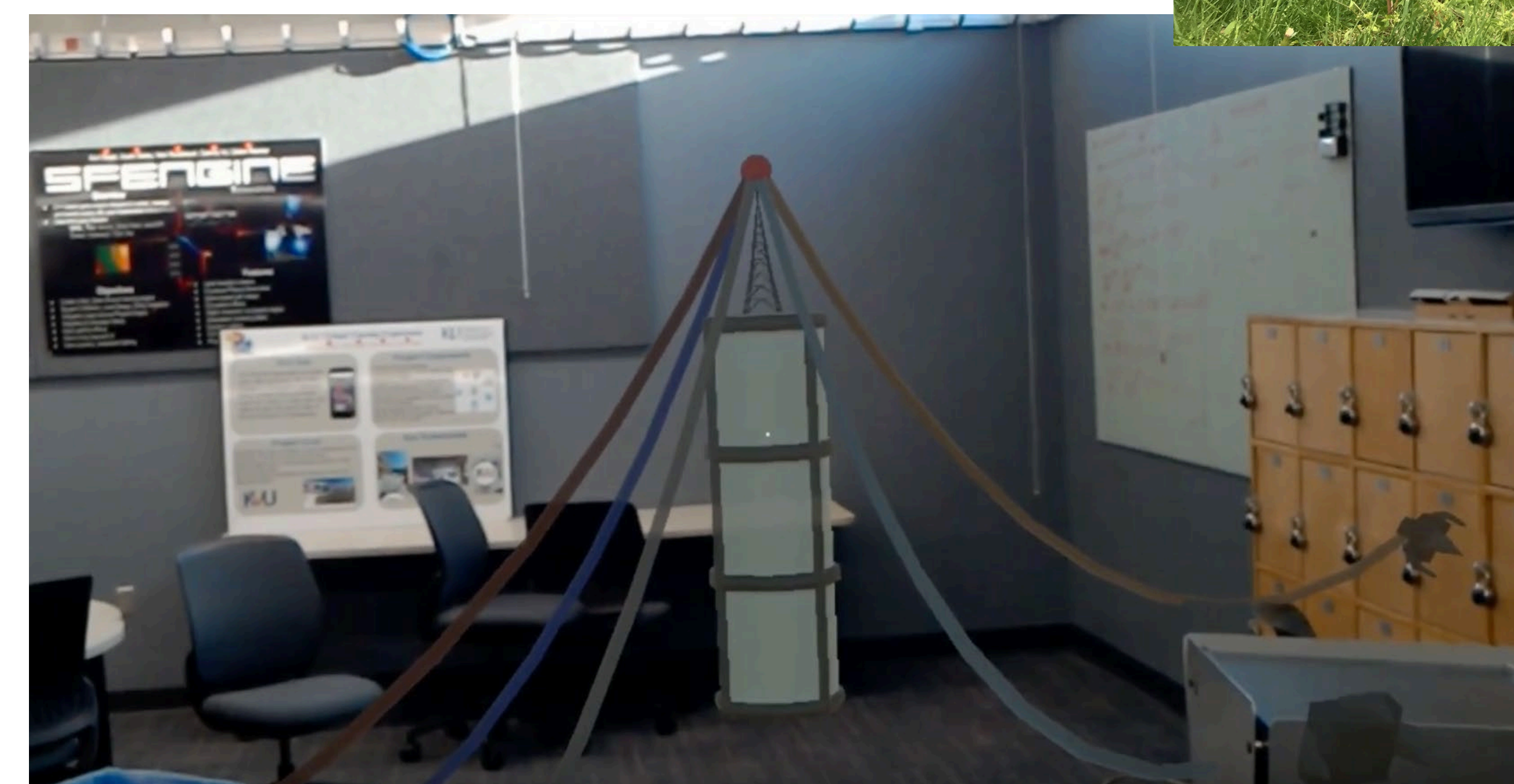
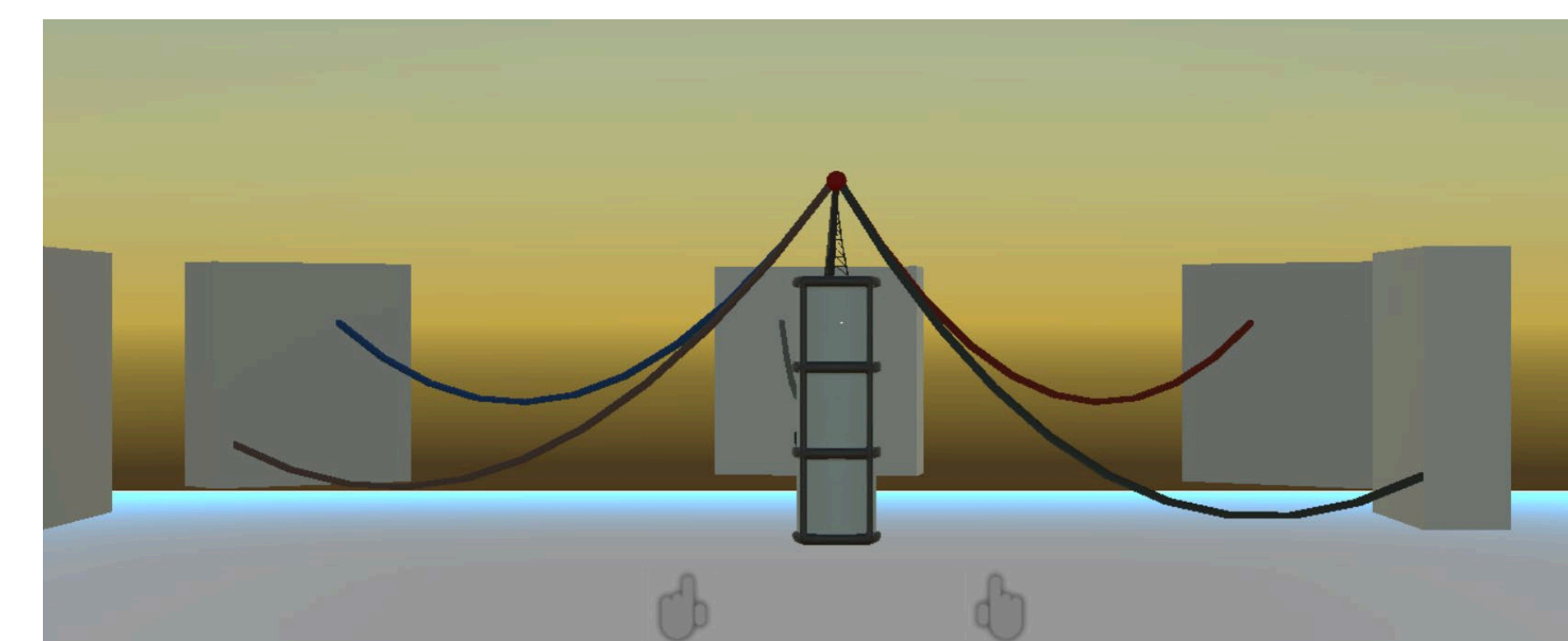


Sound Around (Team 4)

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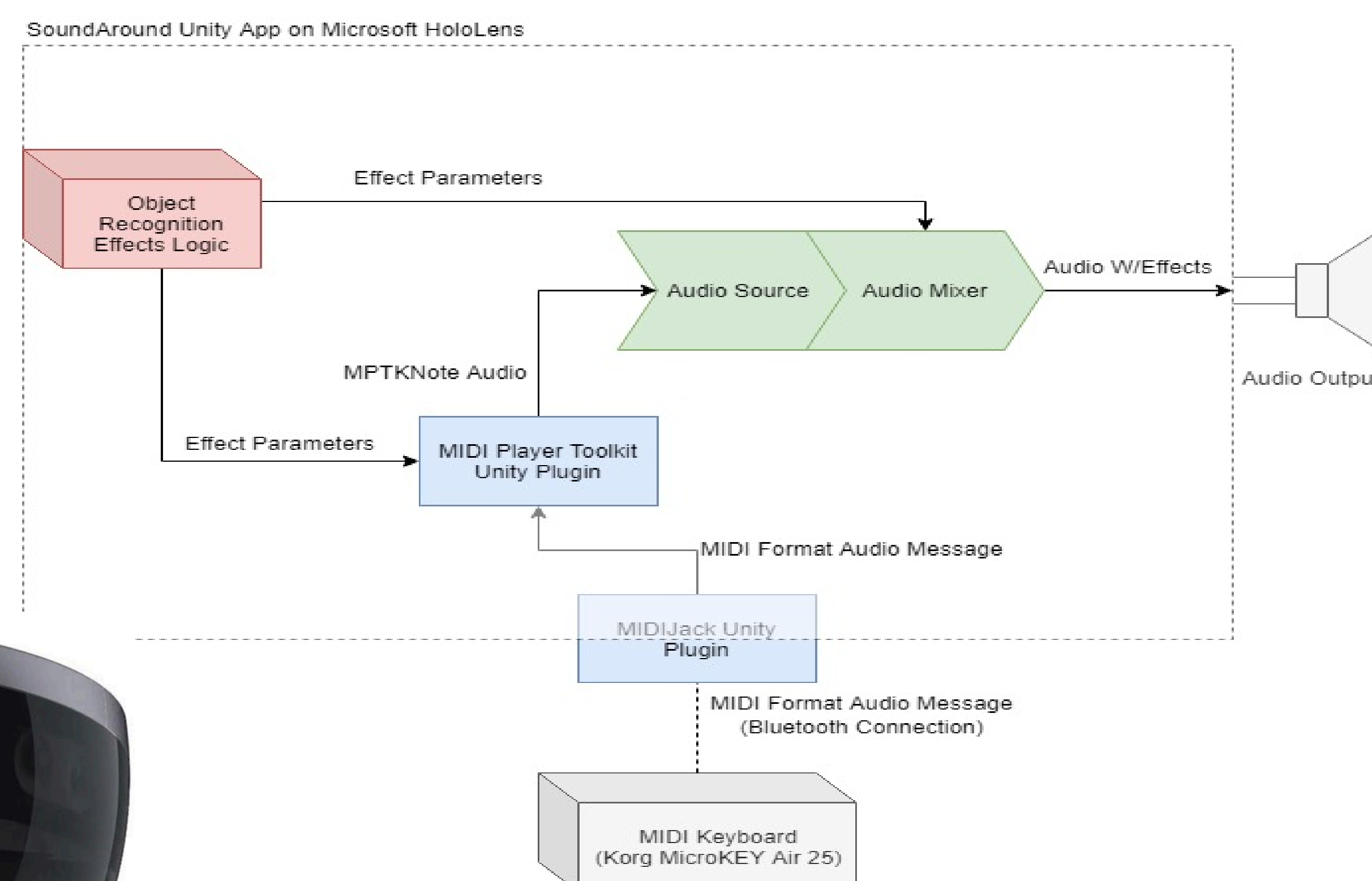
Description & Purpose

Sound Around is an headset-based augmented reality application using the Microsoft HoloLens to display 3D holograms in real space. The application allows users to grab colors from their real world environment by placing hologram wires onto objects. These colors are fed into a music synthesizer plugin in order to generate unique sounds based on the properties of these objects.



Design

- HoloToolkit API
- Universal Windows Platform (UWP)



Ethical & Intellectual Property Issues

- Ethical:
 - AR can lead to users traveling to spaces that are not safe or legal
- Intellectual:
 - There are IP issues with the recreation of existing music or the stealing of content