Music Maker

University of CINCINNATI

Problem: A majority of young kids do not have access to music education at an early age.

Solution: Create an interactive music application to get kids musically-involved at an early age.
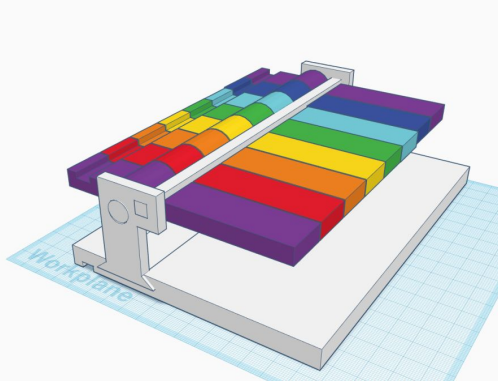
Challenges and Design Decisions:

- Material needs to be kid friendly and very sturdy
- Designing a friendly and intuitive UI that is for kids took some thought
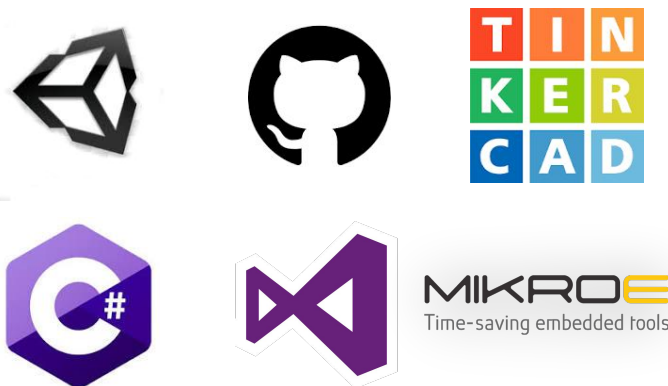- 3D printed keyboard to make something fun and interactive for the kids

About:

Our goal is to create a device and application that can teach kids about music. This will include the production of an electronic piano-like device using a Microchip board and a 3-D printed body to go along with software that allows the student to create their own music.

3D Render of the Music Maker Piano

Technologies Used

Members

Adam Tait

Eric Gatto

Jason Judis

John Rose

Advisor - Carla Purdy