

Noel Nova

MTEC 3501

If I had to give a name to this project of mine, it would be called “Music Clapper Box”. What makes the name particularly unique is how the project will function and how it will be utilized in the future. I envision this project as a game-like experience, also incorporating interactive elements. I want the project to look like something out of the ordinary that will make people question what the functionality is. Making this project will allow me to put all my knowledge and experience in coding and 3D printing. The modality of the project is an installation that will allow people to play a rhyme game just by copying and repeating the same sounds by clapping their hands. The longer the person can repeat the sound, the harder and longer the game gets.

If I want this project to be collaborative, the roles that would be given are a researcher, a hardware developer, and a software developer. The researchers are tasked with looking up any components that can be used for this project, and the hardware developers are tasked with installing the components into the project, while the software developer is tasked with

making the code for the installation. The few challenging parts that I am very uncertain of are how everything is going to end up in the end, like having a prototype that might work in a way that it's supposed to do.