MAKEY MAKEY PROJECT DOCUMENTATION
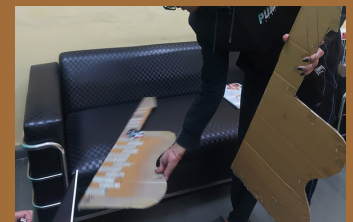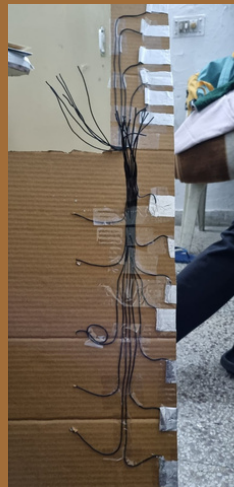
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LEARNINGS

.Makey encouraged me to think creatively and outside the box when it came to designing this project. Since almost any object can become a touchpad, the possibilities are endless.

.While working on Makey Makey projects, I encountered challenges and figured out how to overcome them. This promoted problem-solving skills and critical thinking in me
.Makey Makey can be used in group projects, which promotes collaboration and teamwork.

KEYTAR

A Keytar made with Makey Makey is a musical instrument that combines a keyboard and guitar, where the player can play melodies and chords on the keyboard while using the guitar-like strap to move around on stage. we created the keytar using corrugated cardboard, aluminium foil for the basics and also to keep it low cost.
The Makey Makey board connects to your computer via USB and is used to turn the keyboard into a touchpad. we attached the aluminium foil on the guitar shaped cardboard and connect them to the Makey Makey board using wires.
Once the Keytar was assembled, we played music using a variety of software. The Keytar made with Makey Makey is a fun and unique way to create a musical instrument that combines the features of a keyboard and a guitar.

PROCESS

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we paired this keytar prototype with a 'scratch' project cohesive to this that helped us use it like an actual working key-tar. we programmed the scratch file to produce different sounds when a person touches the conductive aluminium foil on key-tar.

SHORTCOMINGS

.We faced problems like incompletion of circuit even after touching the aluminium foil.

.People had to press harder on some keys to produce sound.
.Some keys had cross connection and produced sound which weren't associated to them.
.Overall, makey makey is a beginner's friendly technology and has its own shortcomings but it was fun to work with.