



Assignment -1

Introduction to
electronics

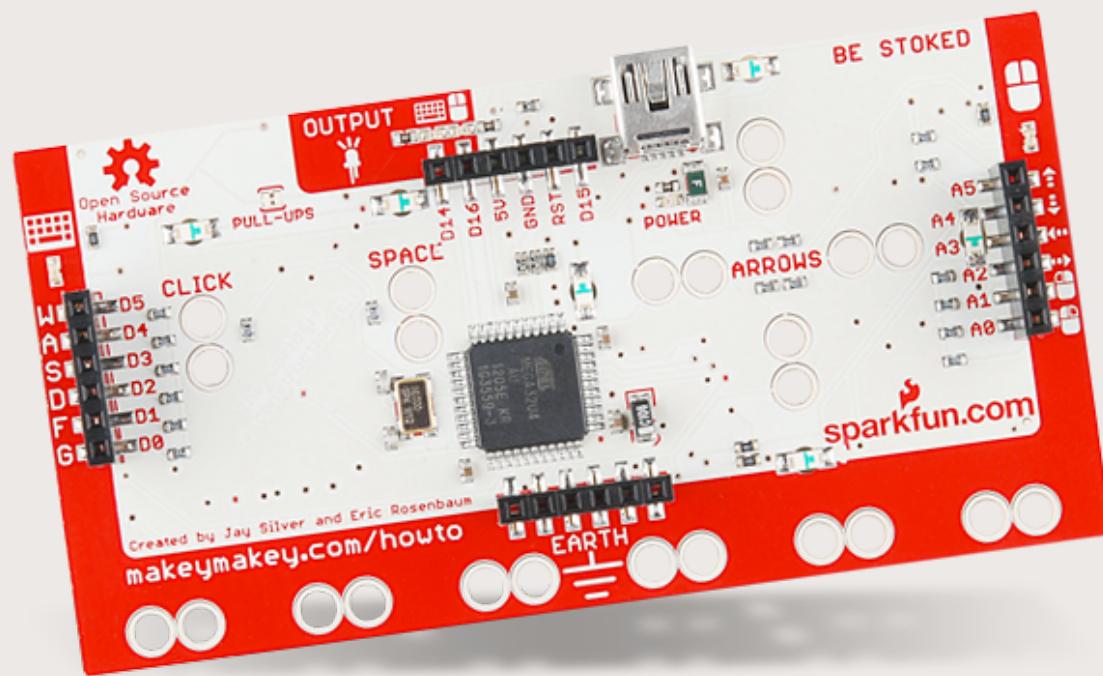
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Makey Makey

noun



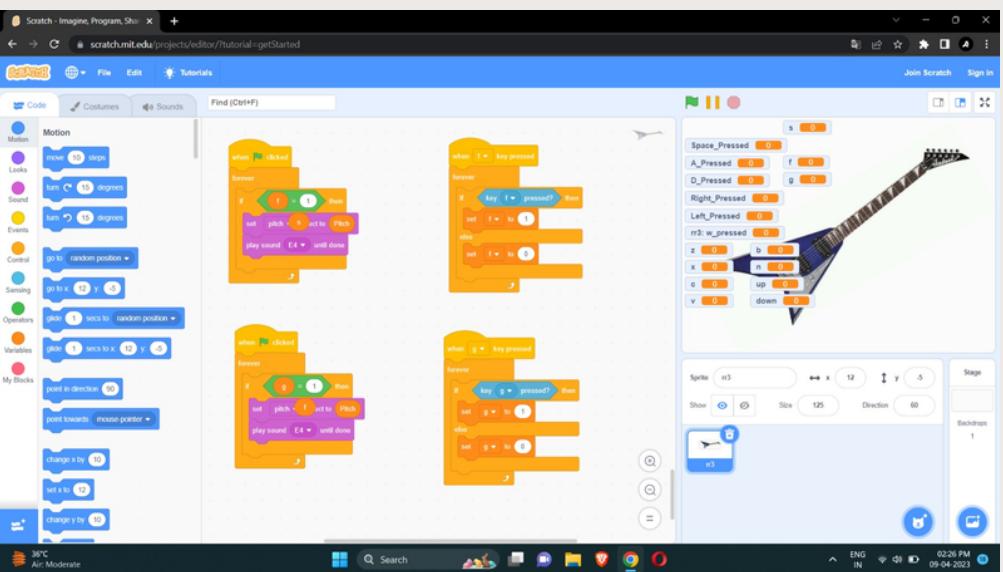
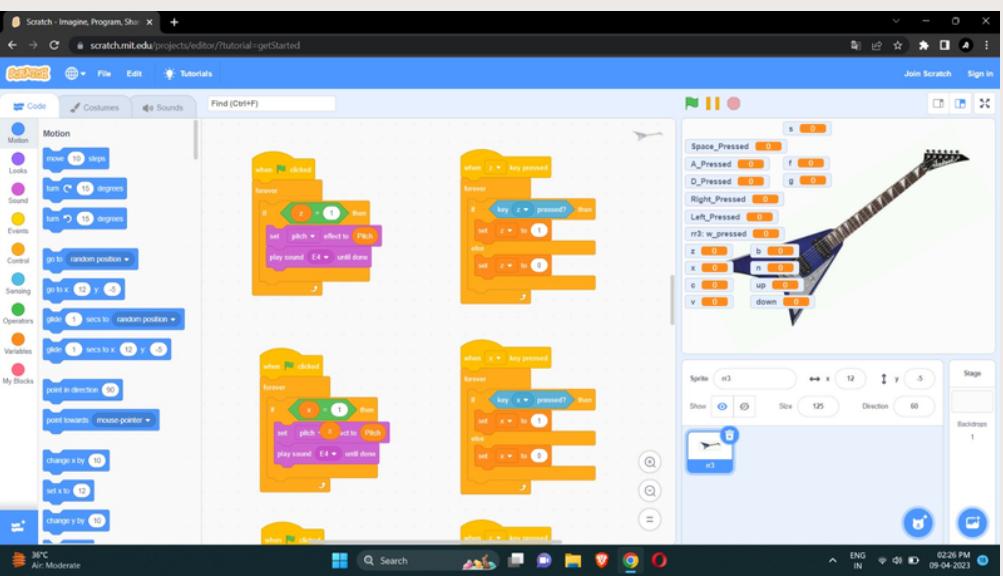
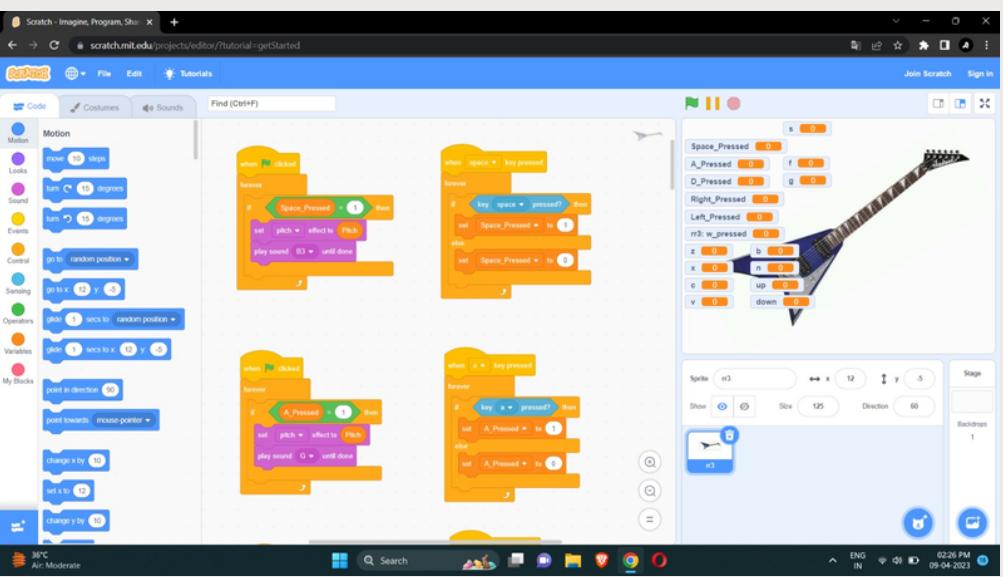
An invention kit designed to connect everyday objects to computer keys. Using a circuit board, alligator clips, and a USB cable, the toy uses closed loop electrical signals to send the computer either a keyboard stroke or mouse click signal

1. This function allows the Makey Makey to work with any computer program or webpage that accepts keyboard or mouse click.



KEYTAR

Few Problems encountered and overcome throughout the development process.



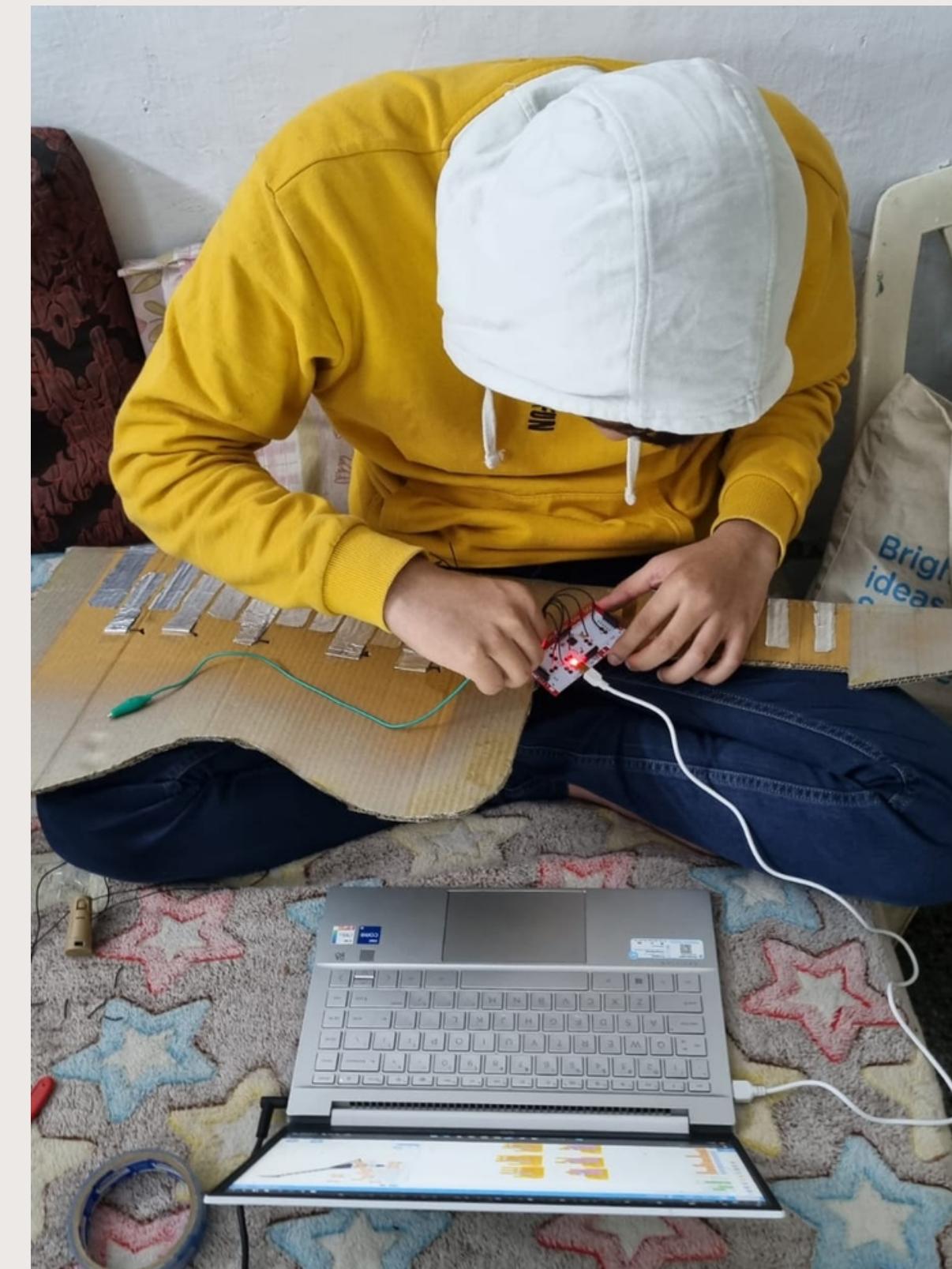
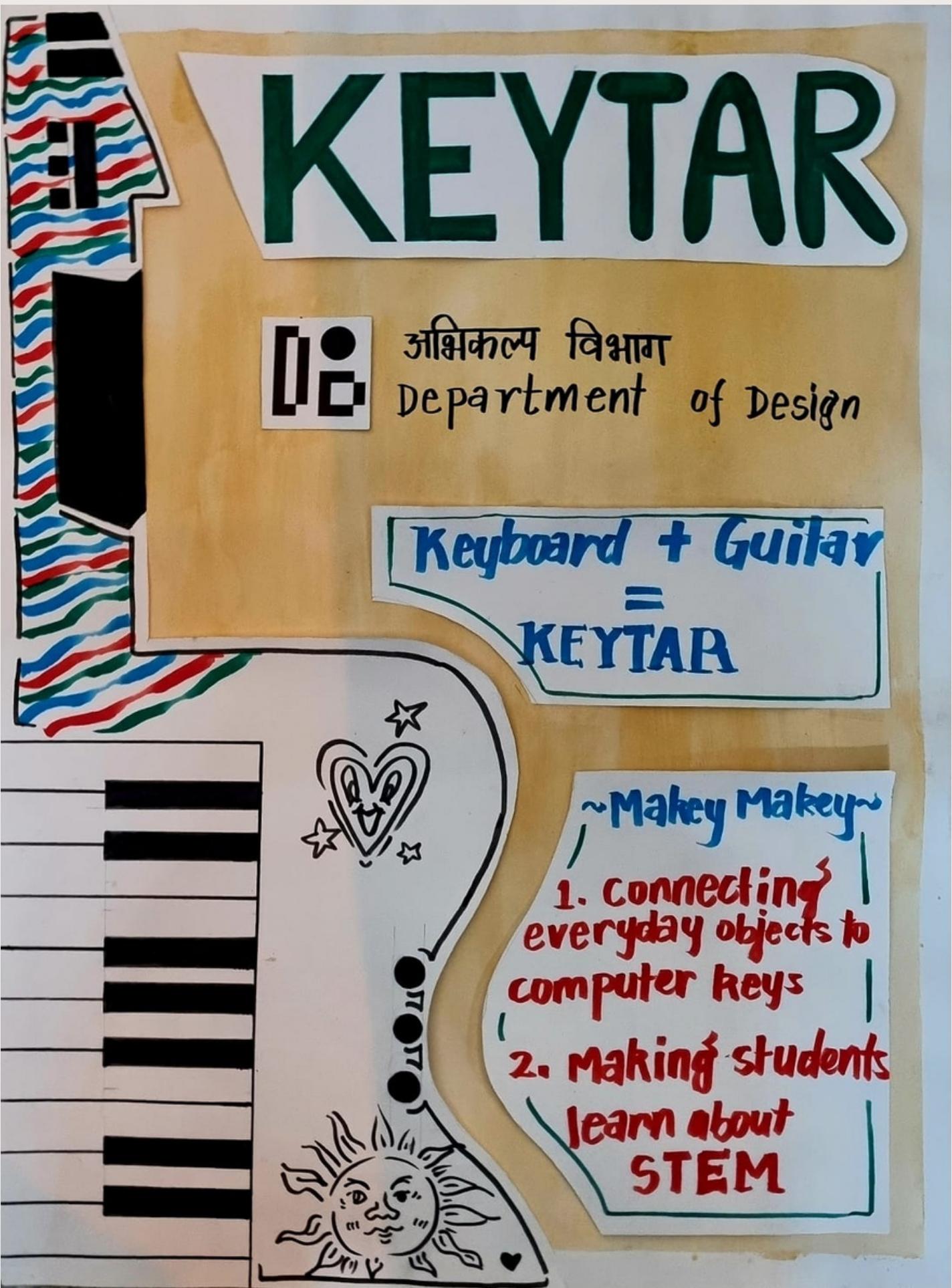
- Ensuring accurate calibration of the touch-sensitive interface for consistent note and chord play
- Creating a durable and sturdy frame that can withstand the pressure and is comfortable to play
- Troubleshooting technical issues such as connectivity problems between the Makey Makey board and the computer, or programming errors in Scratch
- Identifying the correct placement and orientation of the keys on the Keytar to ensure a comfortable and ergonomic playing experience

KEYTAR

Keyboard + Guitar = Keytar

We have developed a musical instrument called Keytar that merges the functionalities of a guitar and a keyboard. To build this device, we utilized Makey Makey wires, cardboard, and foil to establish a touch-sensitive interface for the keys, allowing us to play notes and chords with both hands. By programming it with Scratch, we can customize the sounds and effects produced by the Keytar, making it a versatile and creative tool for musical expression.





PROCESS

THANK YOU

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DSL - 124

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Makey Makey

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