

TARNEEM

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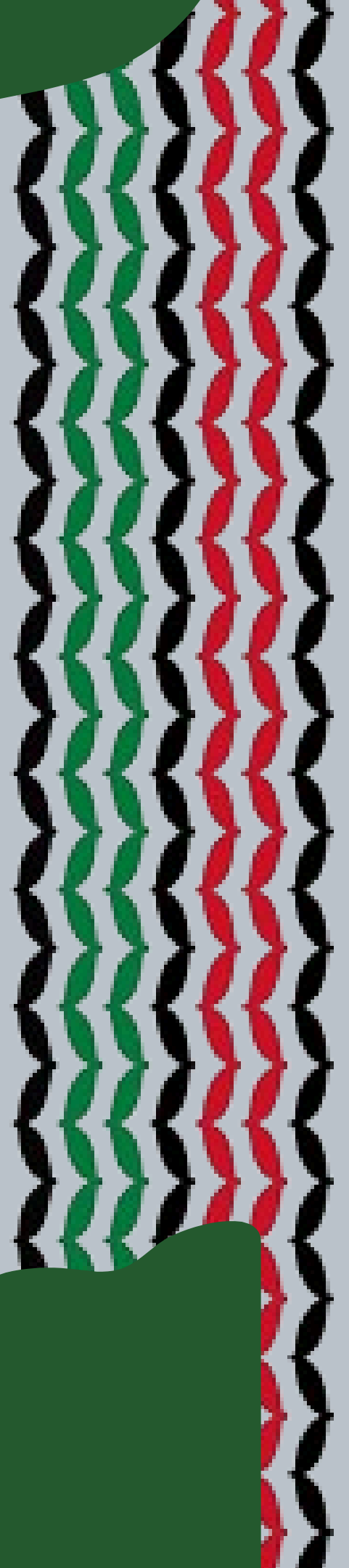
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**IDEA**

# **MOTIVATIONS**

**1. Enhancing Portability of Instruments by providing a compact and mobile solution to this issue**

**2. Facilitating Learning for Beginners by incorporates a user-friendly learning system that helps them master musical notes easily**

**3. Reducing Physical Strain and Noise**

# CHALLENGES

- 1. Availability of materials, like advanced laser modules due to political reasons**
- 2. Sensor Accuracy and Calibration**
- 3. Noise and Interference**

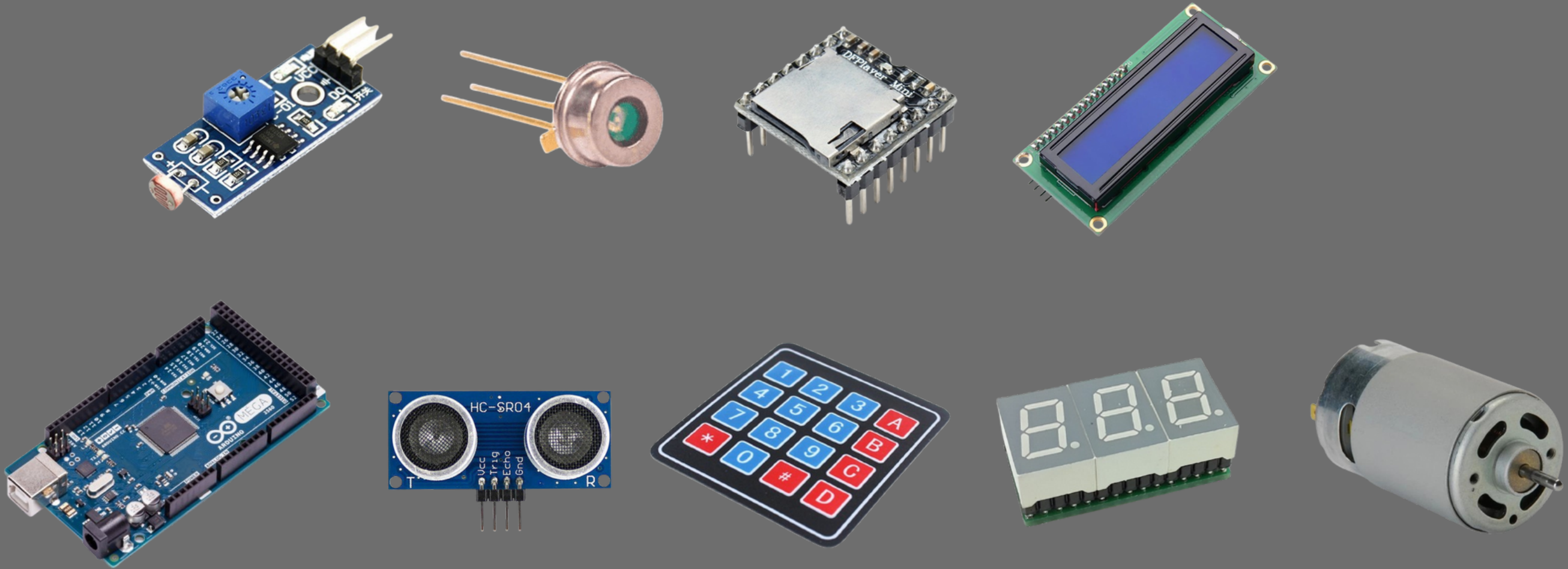
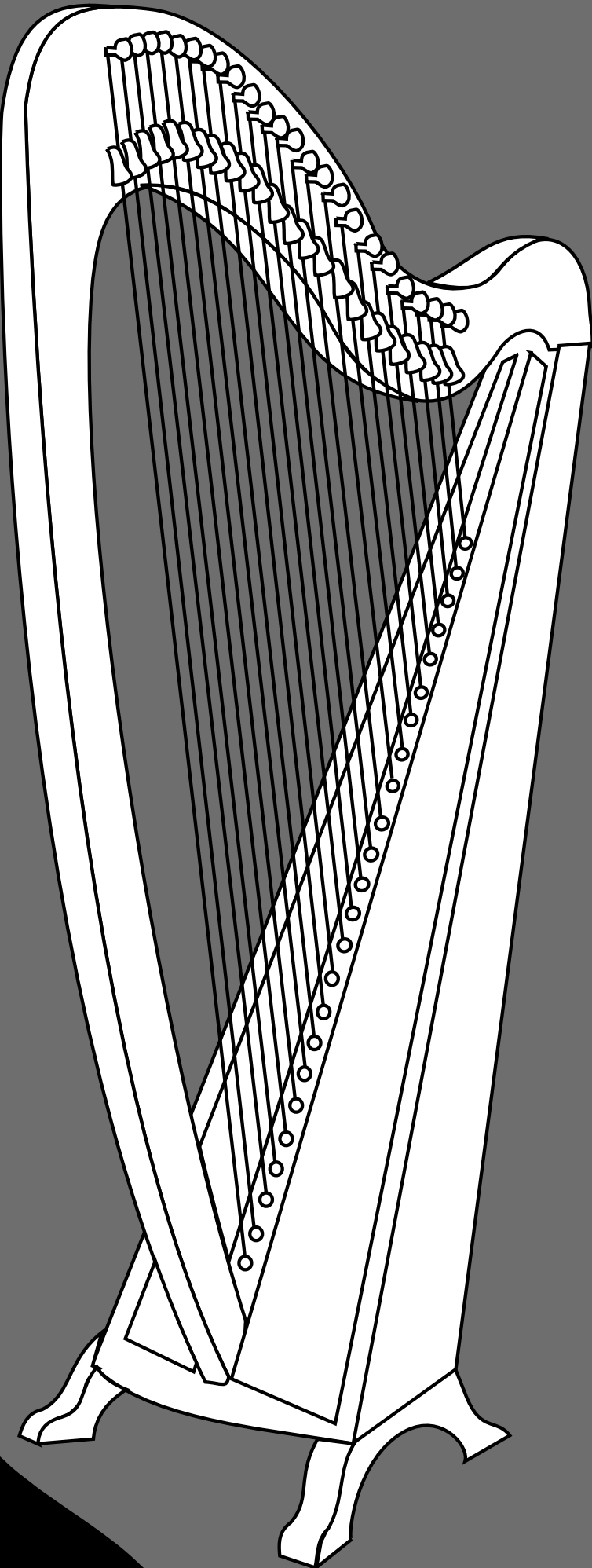




# COMPONENTS

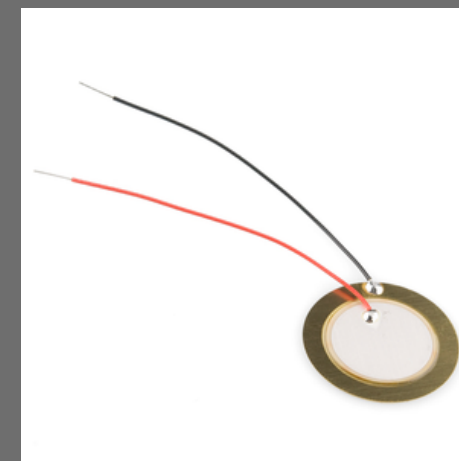
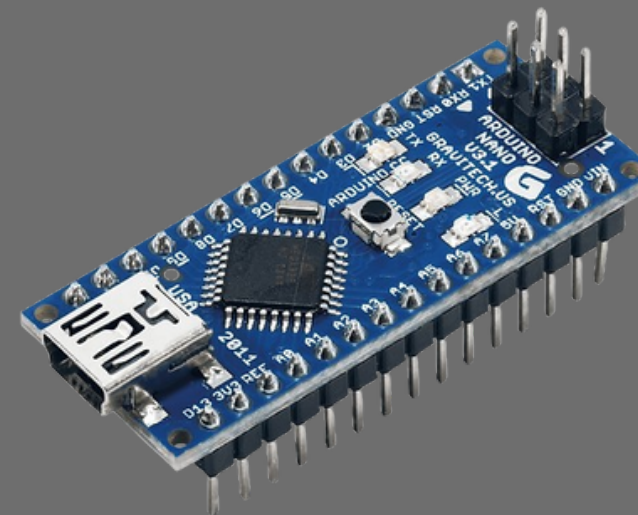
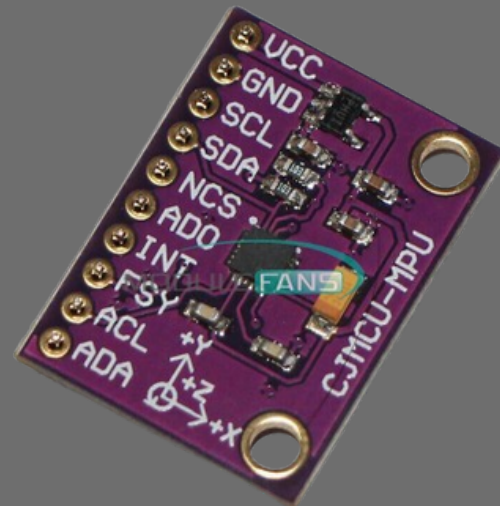
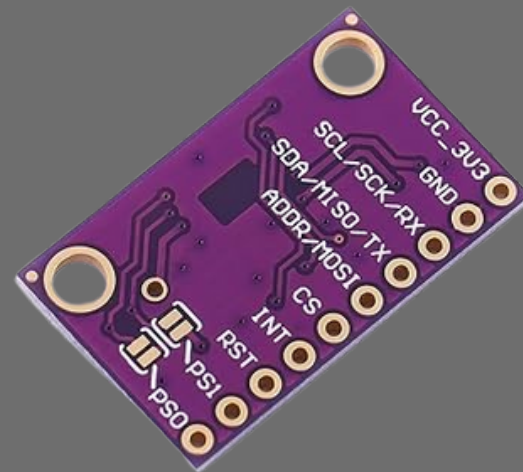
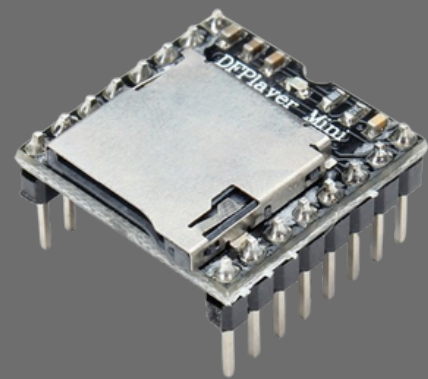
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# Laser Harp



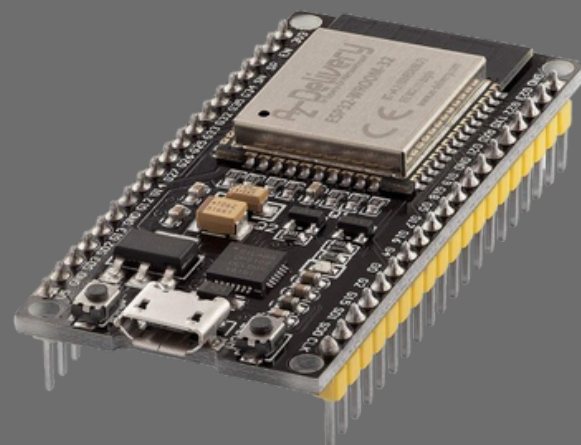
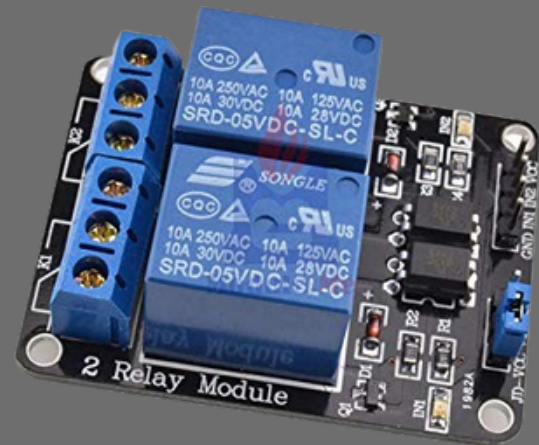
2

# InvisibleDrums



3

# Moving Base



# **FUTURE WORK**

- 1. Wireless Connectivity Enhancements**
- 2. Enhanced Instrument Variety**
- 3. Usage of automated frequency system for the musical notes**

