

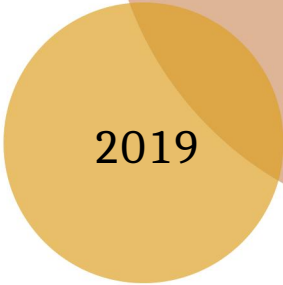


MULTIMEDIA EMBEDDED SYSTEMS



IDEA REPORT

DANCING ROBOT



2019

EMBEDDED SYSTEMS

Bills of materials

IN THIS SECTION:

1x Arduino NANO Shield I/O

1x USB-A to Mini-USB Cable

1x HC-SR04 Ultrasound sensor

4x Micro servo SG90 9g

1x Buzzer

6x Female/Female Jumper Wires

1x 4xAA battery holder (stack 2x 4AA Battery)

4x AA Batteries Alkaline (must be new or have 1.5V each)

1x 8x8mm Micro Switch Self lock

1x Microphone sensor

Tab 1

PROJECT BRIEFING

Aim of this project creating a a which can react to the music and dance with the rythm.

Robot[Mr Dancy] will be able detect which music is being played by surroundings and dance with his special style.

Mr Dancy will be a product of art and creativity he is not just a robot not electronics or programming .He will be product of design.it is an art:altering Mr Dancy's appearance with amazing dance style.

Mr Dancy will have a selected amount of songs in his mind. When he hears to music he will not able to hold himself flow with the rtyhm through music.

Dancing is a expertise of Mr Dancy. He will have fancy dancy moves for each different song . All of them will be unique.

Amazing team friends of Mr Dancy

Tab 2

- ERDEM DURMAZ -245907
- MUHAMEMED ASIL KARAKULAK-245872
- CAN VURAL -231964-[PASSIVE]

MORE ABOUT MR
DANCY



Tab 3

Some of the songs selected

Single ladies-Beyonce

MarioBros dance

Criminal- Britney Spears

More will be coming soon



THANK YOU FOR READING