CHITTI BOT

TEAM MEMBERS	GITHUB LINKS
Naga Priya Adapa	https://github.com/Priya-401/Chitti-Bot-22
Bindu Sri Amballa	https://github.com/404-Sri/Chitti-Bot-22
Chaturya Galla	https://github.com/chaturya-tech/code.i
Satvika Nimmagadda	https://github.com/Usersatvika/Chitti-Bot-22
Geetha Atyam	https://github.com/Geetha407/Chitti-Bot-22
Revathi Kukunuri	https://github.com/Revathikukunuri435/Chitti-Bot-22

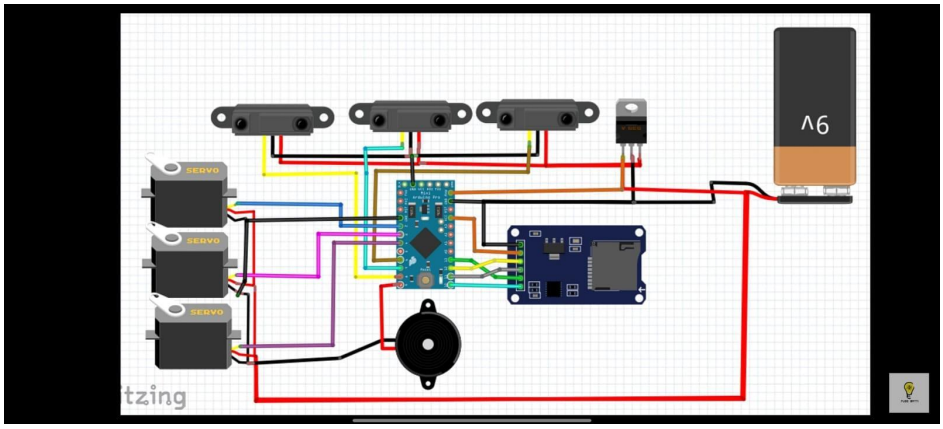
DESCRIPTION:

We all are familiar about the actions of a robot. Our project was illustrated with the internal connections and simple functioning of a robot. Our robot can sense human's hand and turns head when someone tries to touch it's face.

We have used IR Sensors to detect an object or a human and Servo Motors to move the hand and head. The IR sensors are placed in both the eyes and chest part, and the motors are connected to hand and head part of the bot. When we take our hand near to the chest sensor, it will detect the object and motor will be activated.

Then the robot can make the hand shake just by raising its hand. Whenever the bot senses human hand nearer to it's face, there would be a immediate action through the motors placed at the head part of the bot which results in turning it's head to the other side.

CIRCUIT DESIGN:



PROJECT REQUIREMENTS:

Arduino pro mini.
Servo motors- SG90.
IR sensors.
voltage regulator-7805.
Jumper wires.
Header pins.
12V Rechargeable battery.

PROJECT STATUS:

✅ **Completed**