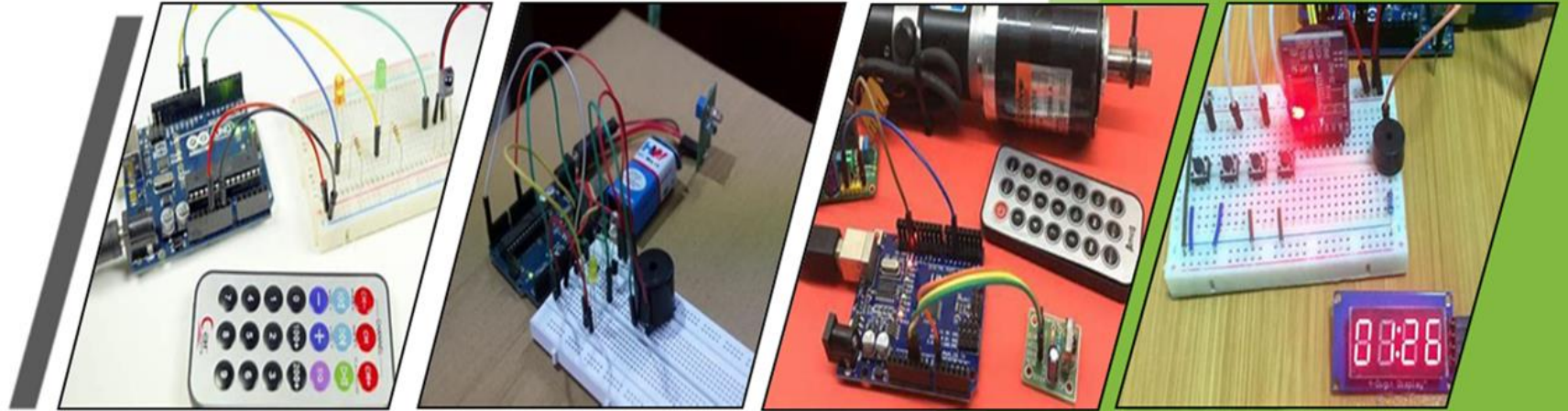
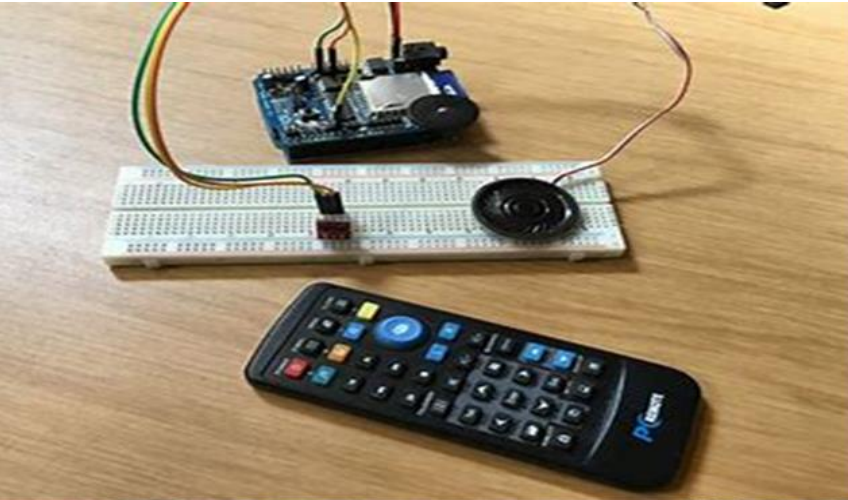


Team:

***MindsUnited***



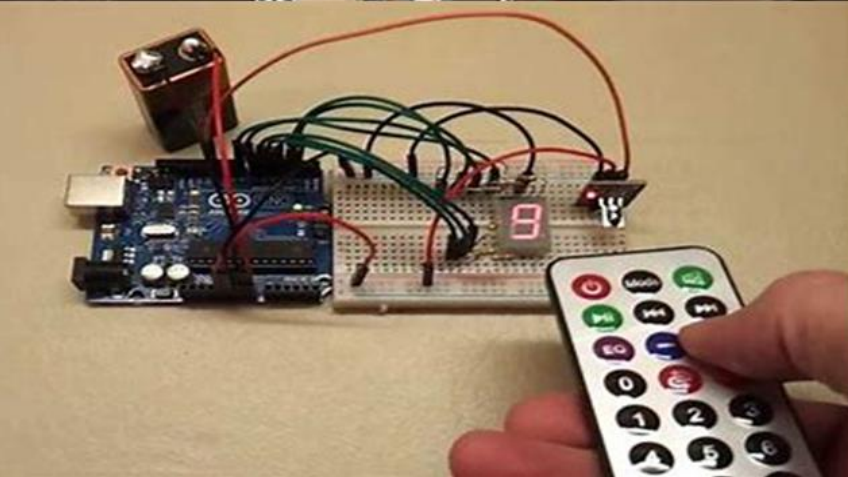
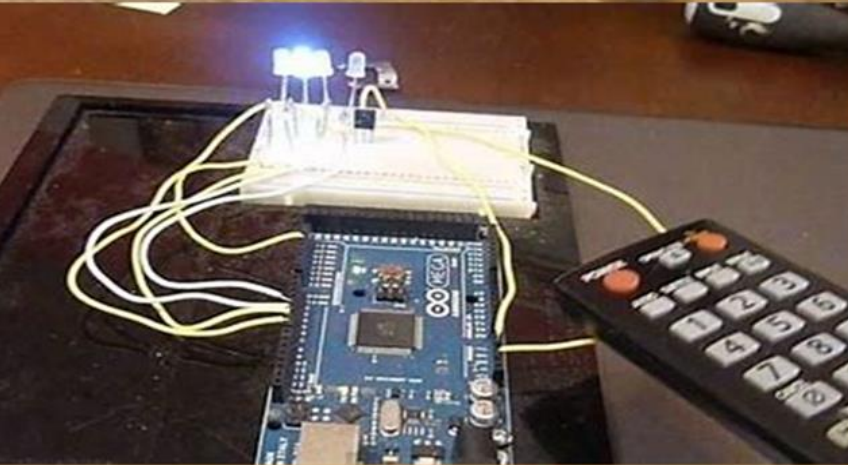
# Project 1: IR controlled Instrument/System



# Abstract

The IR controlled Instrument/System is a project in which components like servo motors, DC motors, Digit Display (7-segment, 4 digit 7-segment, LEDs and buzzers are controlled using an IR Remote and IR Receiver.

Whenever the IR remote sends a signal, the IR Receiver decodes the signal and based on the code, the particular instrument or component will be working.



Arduino UNO

IR Remote & Receiver

Servo motors

DC motors

Neo pixel LED

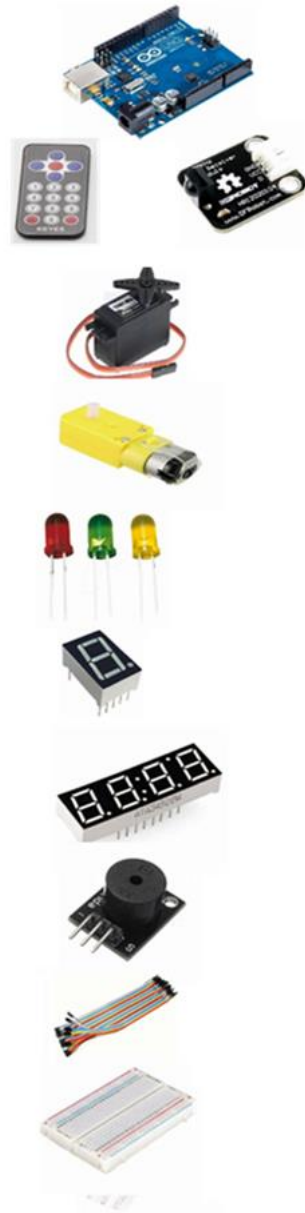
7-Segment Display

4-Digit-7-Segment Display

Buzzer

Connecting Wires

BreadBoard



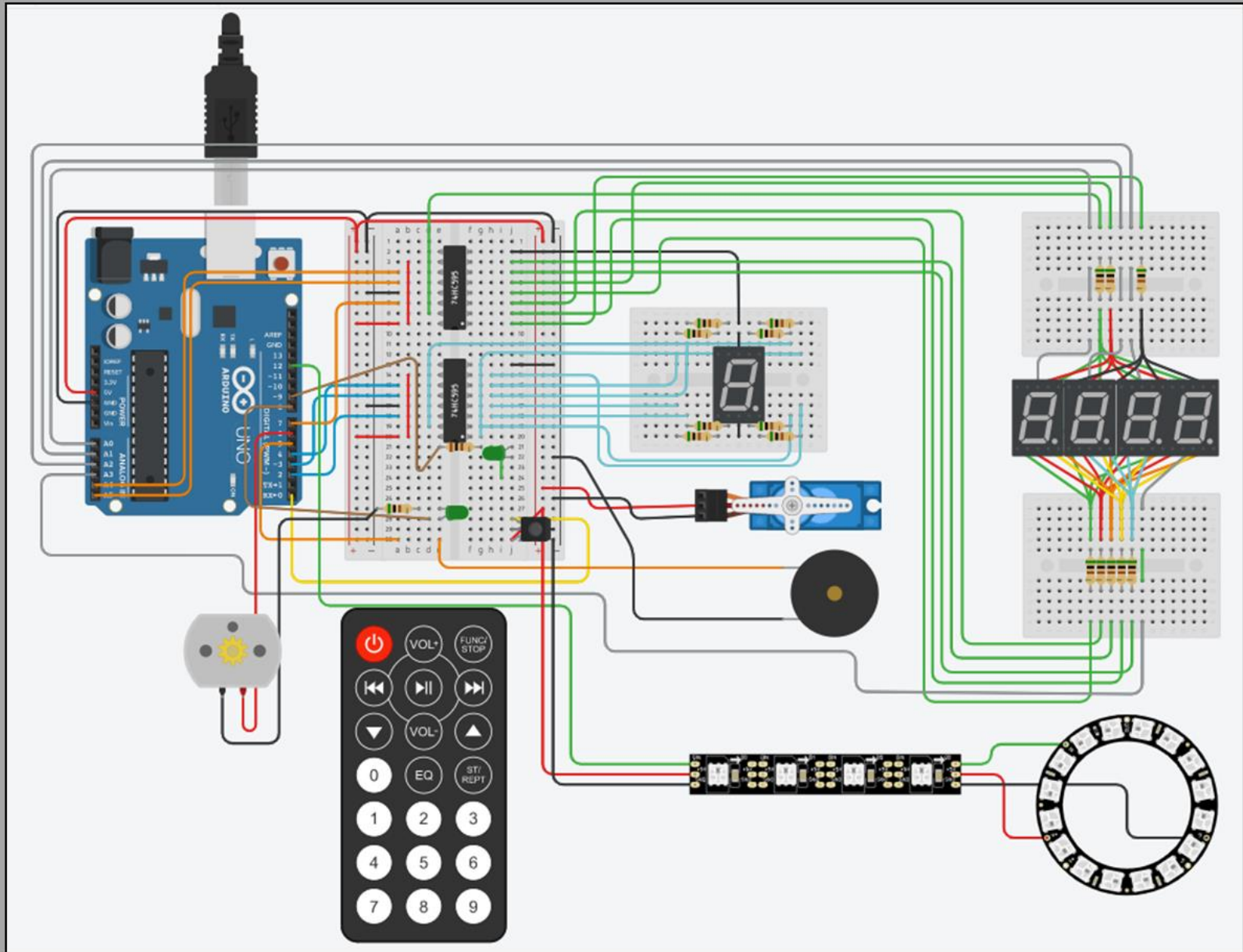
# Components Required



# Methodology

- ☐ Used Tinkercad Stimulation online for project. Used the components present in the stimulation.
- ☐ Used C coding for programming purpose.

# The Working In Tinkercad



<https://www.tinkercad.com/things/csUHQ2jcUIK-project-1-ir-system/>

# Results and Conclusion

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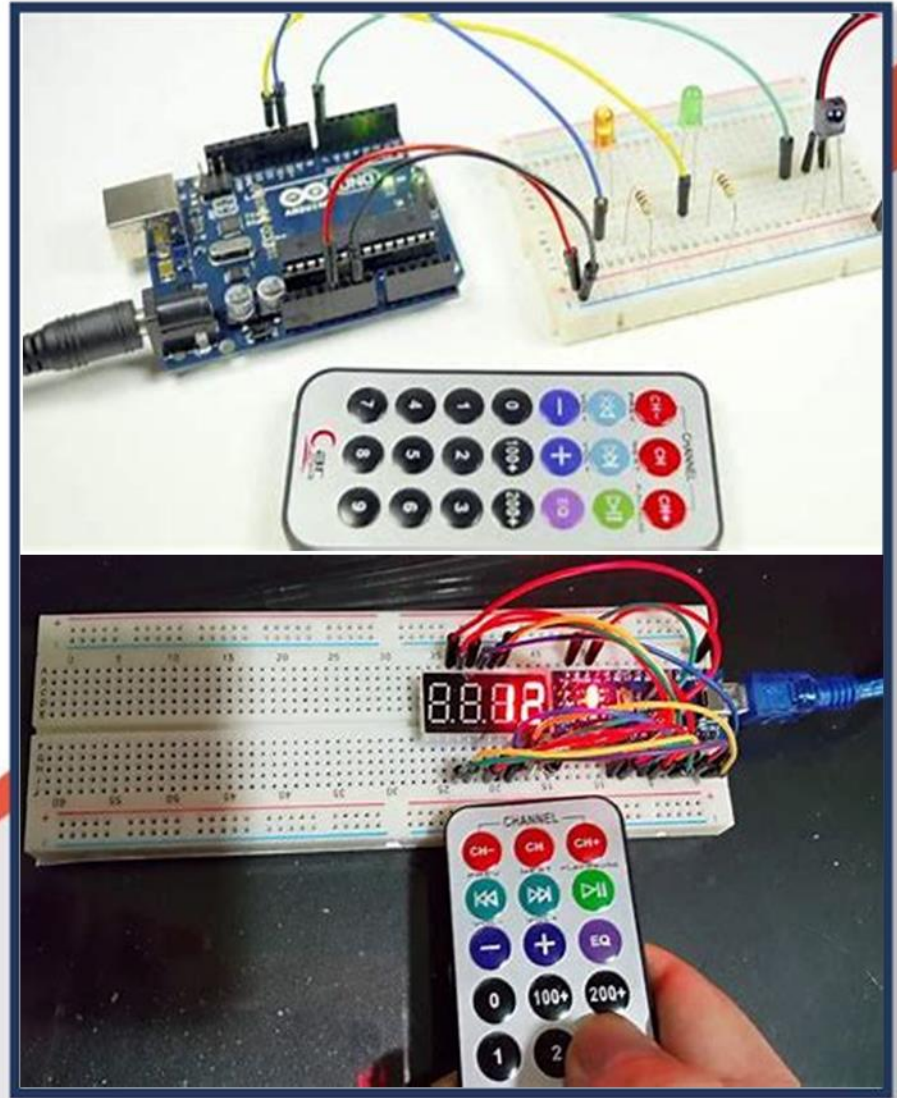
We were able to make a system of components using IR remote.

## Reference

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Arduino page for the coding

<https://www.arduino.cc>



# Functions of each team member

## AALAP BHAKTA

Two horizontal lines of different lengths, with the top line ending in a small black dot.

Main building, coding and assembling of parts

## ANANYA GHOSH

Two horizontal lines of different lengths, with the top line ending in a small black dot.

Will help in coding part