Breadboard –
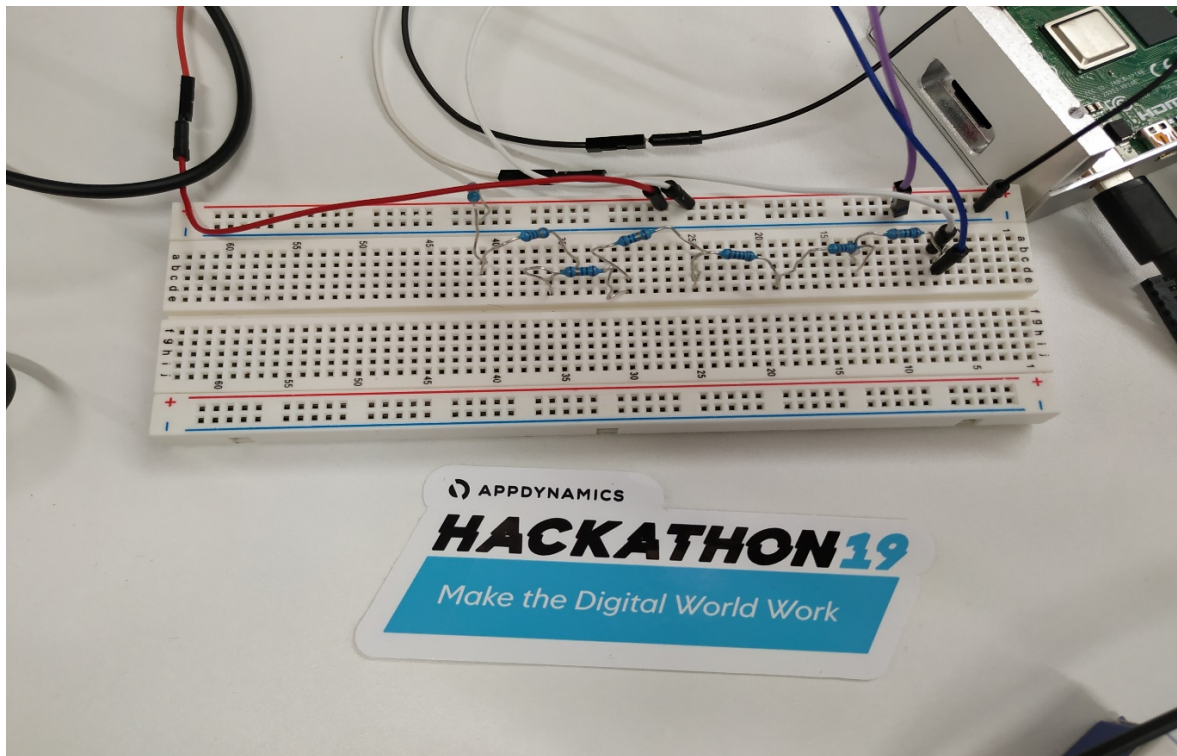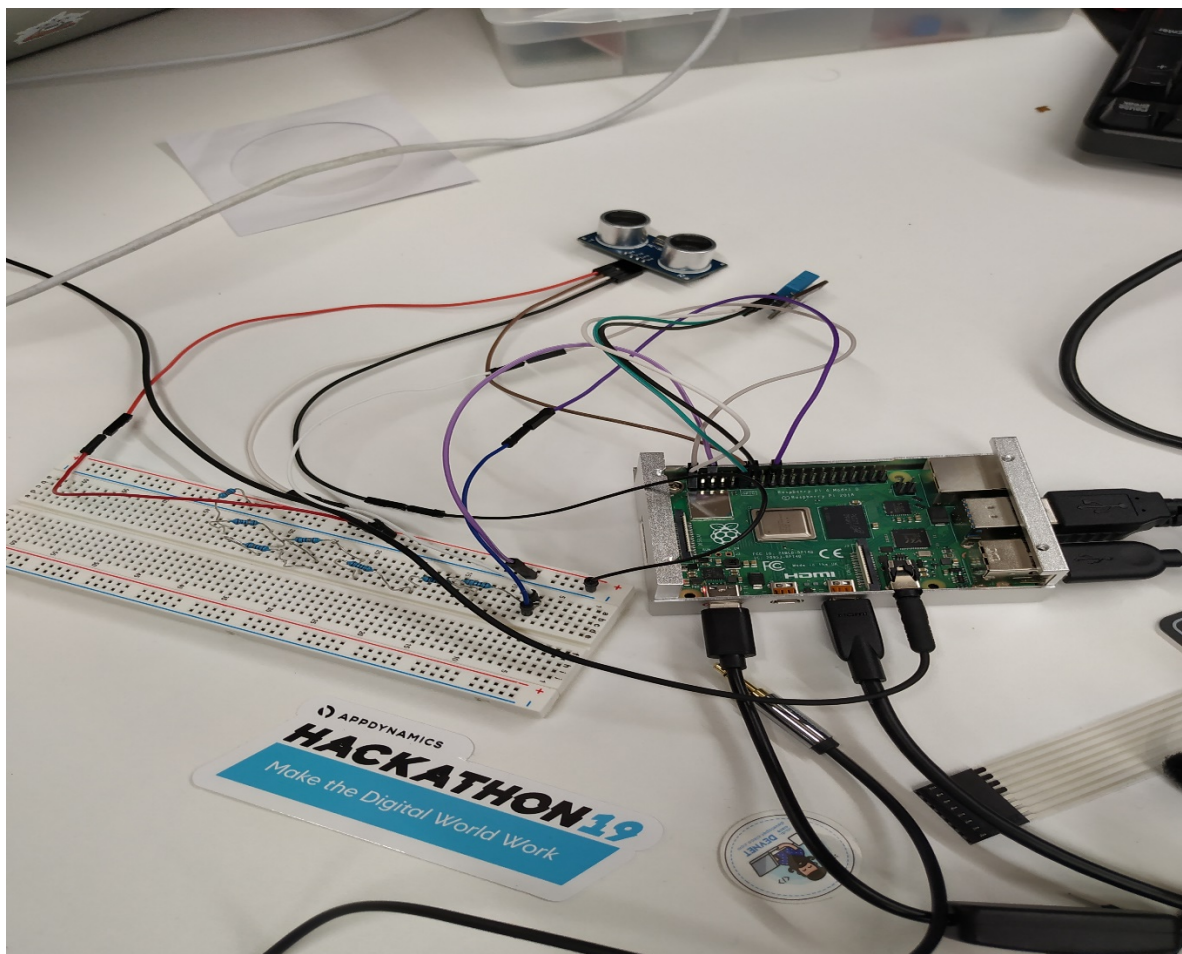

Raspberry PI –

Using Ultrasonic Sensor (Proximity Sensor):

Connections via GPIO –

Type of Pin	Pin number	Colour Coding
Power Supply	Pin 2	Red and White
Ground	Pin 6	Black
Trigger	Pin 12	Brown
Echo	Pin 18	White

- ECHO is connected to the 330Ω resistor. On its end, connect it to Pin 18 (GPIO24) and through a 470Ω resistor connect it also to Pin6.
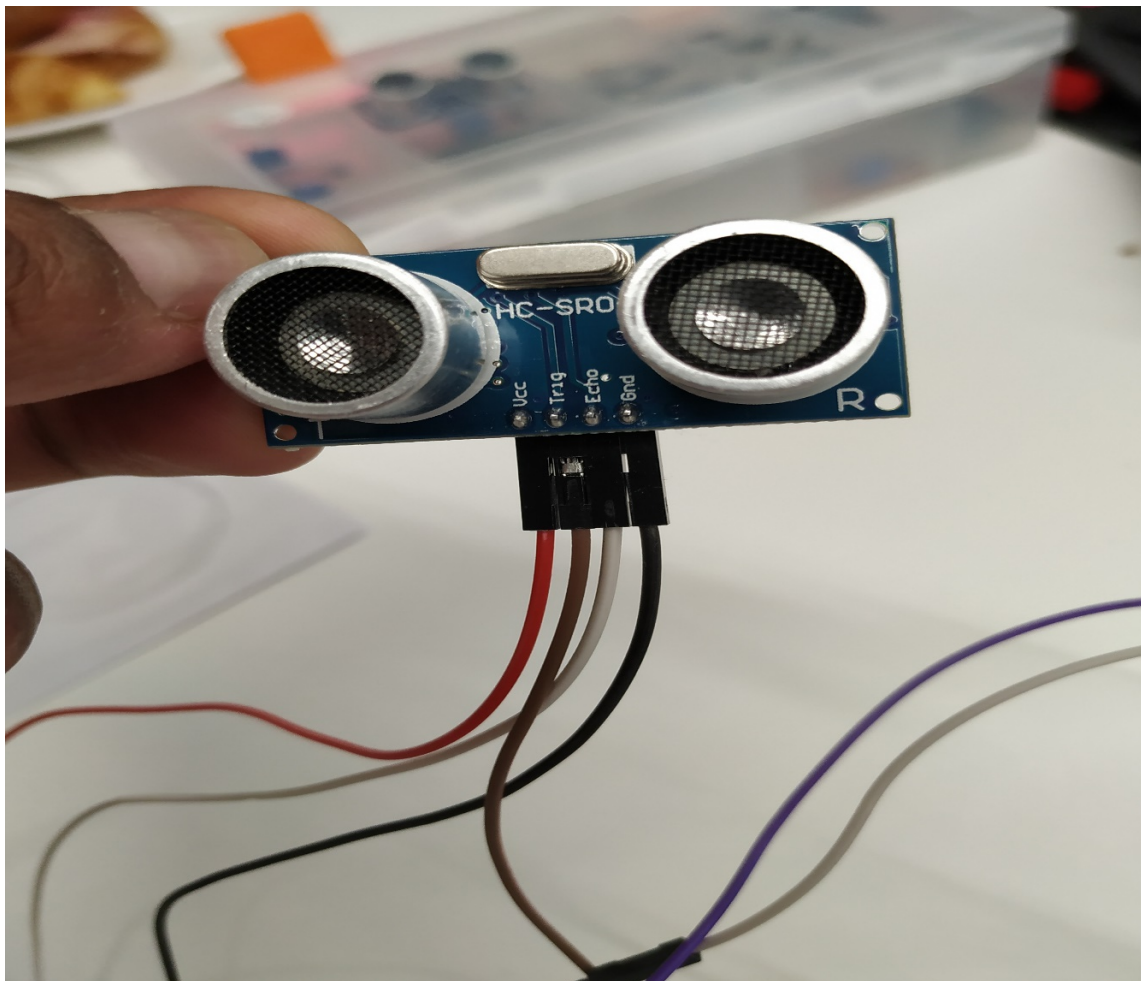
Using Temperature and Humidity Sensor:

Connections via GPIO –

Type of Pin	Pin number	Colour Coding
Power Supply	Pin 1	White
Ground	Pin 14	Black
Signal	Pin 11	Green