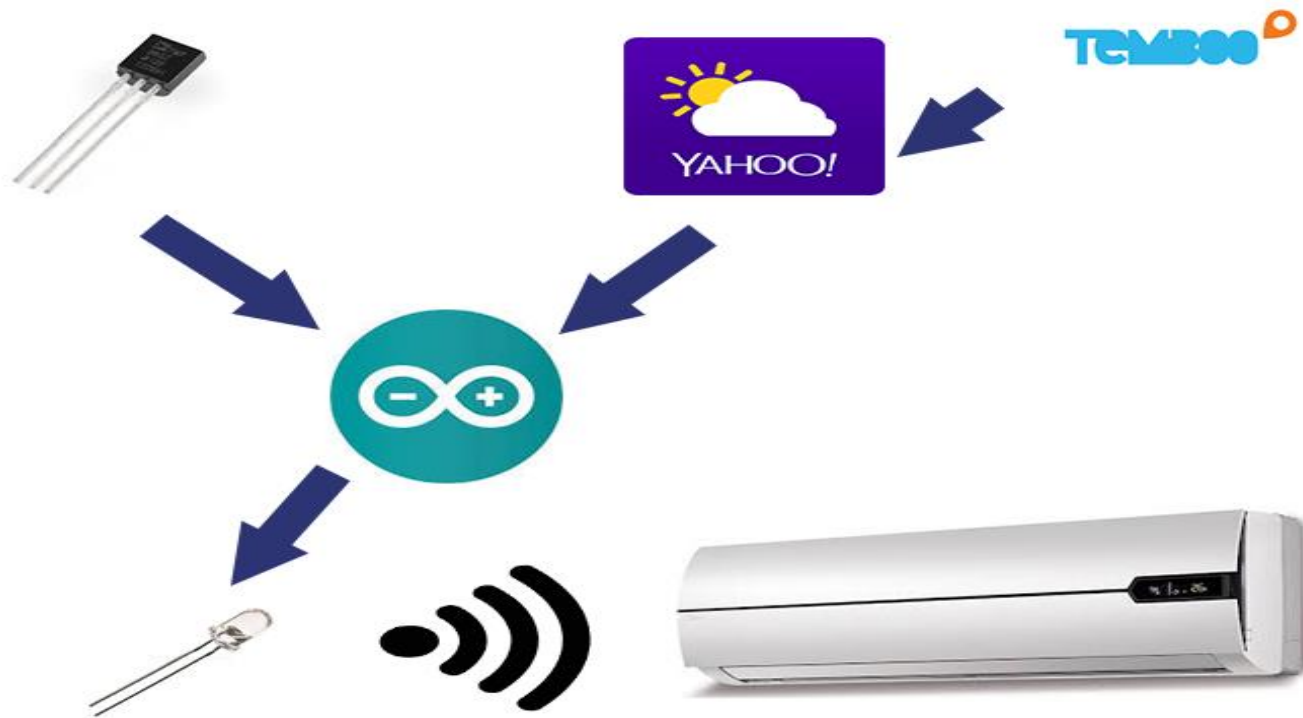




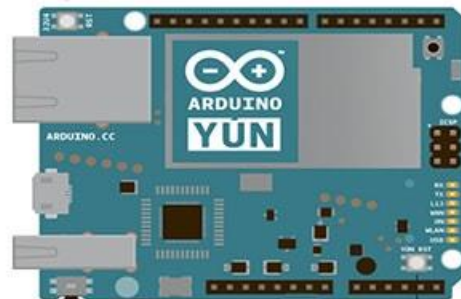
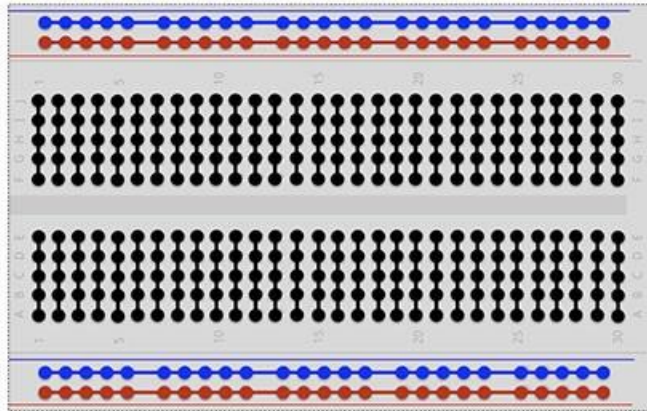
# Smart Home Application: Home Climate Control

ANDRIOPOULOS ATHANASIOS

# General Idea

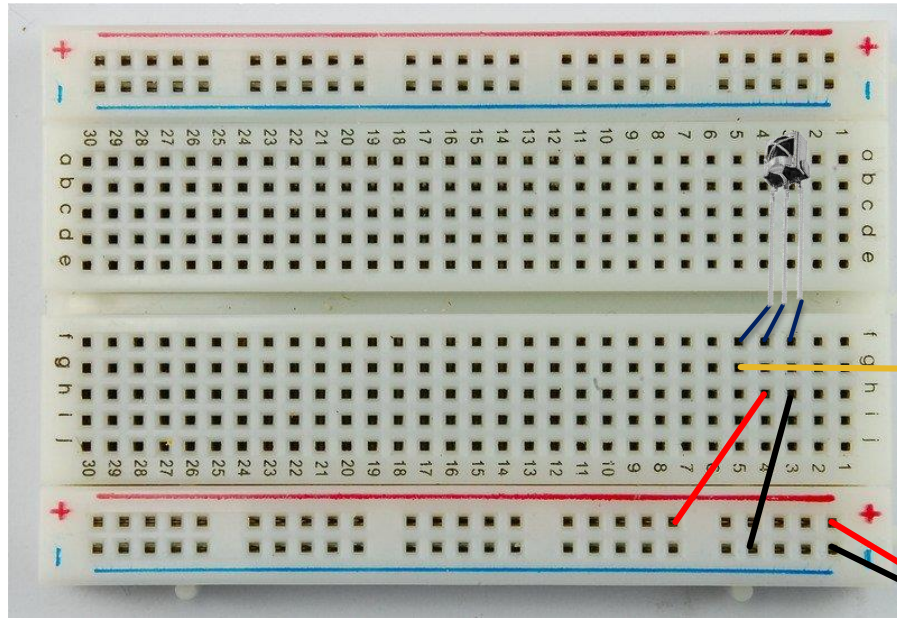


# Hardware



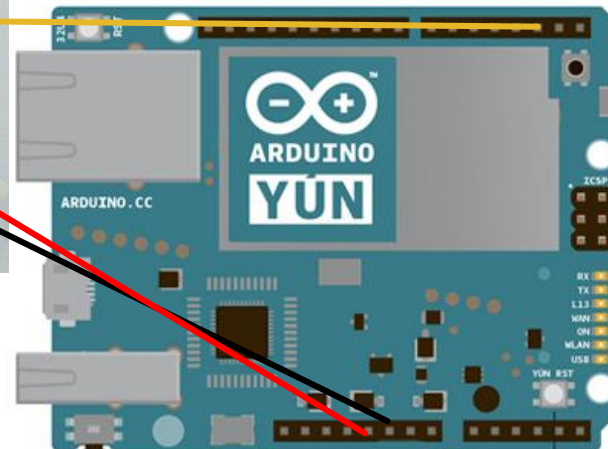
Used to record  
the IR Codes  
from the AC  
controller

# Hardware

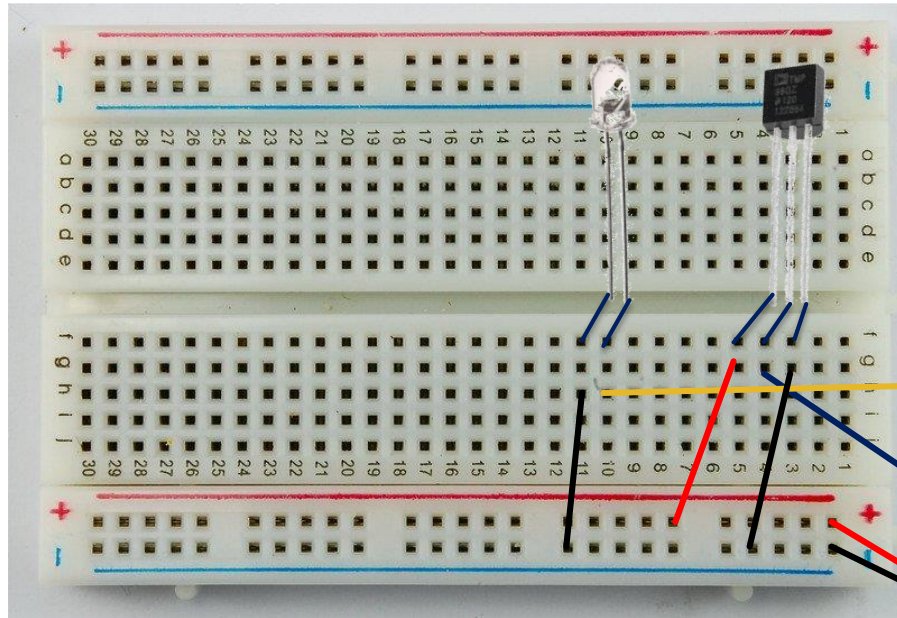


## IR Recording Circuit

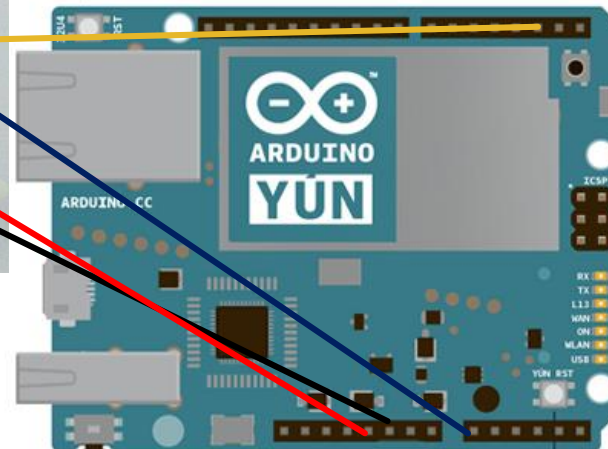
( There is no code for this in the project and it will be added on a later date)



# Hardware



Final Circuit



# Software

- ▶ In order to recreate the application you will need functions from the libraries:
  - ▶ IRRemote.h
  - ▶ Temboo.h
- ▶ The code is divided in two basic parts:
  - ▶ Receive the basic information we need from Yahoo Weather and modify them to the desired form.
  - ▶ Measure the inside temperature and check if the activation/deactivation condition is met in order to emit the proper IR code.



Thank You!