

# A BICYCLE PROBE

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# Our purpose



We create a safe cycling environment



By collecting and sharing air quality data during cycling



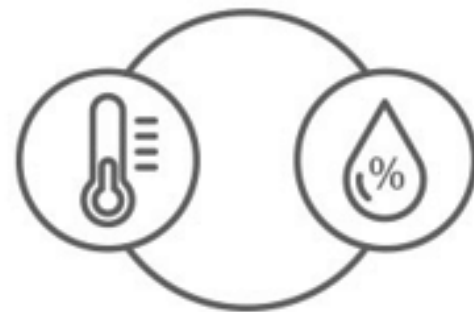
In the end, to provide you with cleaner, alternative routes

# Probe Functions

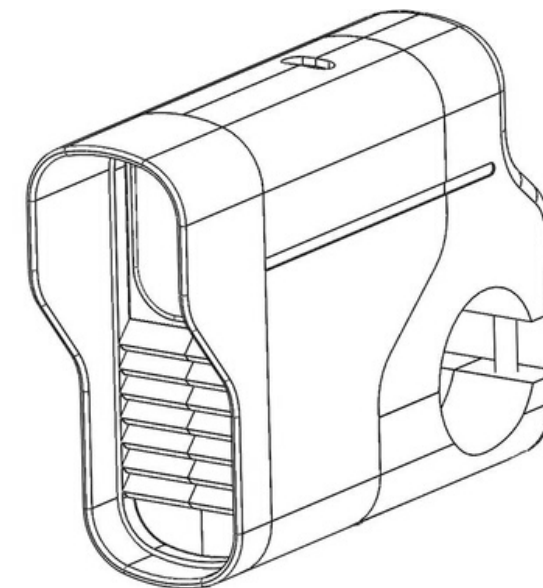
AIR QUALITY  
SENSOR



HUMIDITY AND  
TEMPERATURE  
SENSORS



LIGHT MODULE



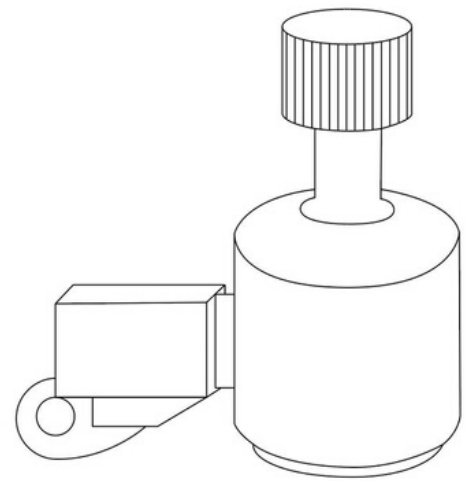
INTERACTIVE  
APP





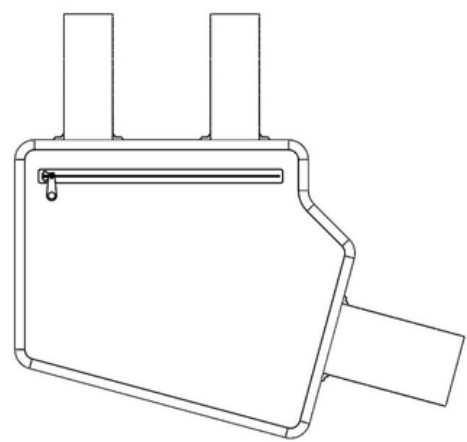
## BLUETOOTH

Makes the link between the smartphone and the probe



## DYNAMO POWERED

Provides power for the LEDs



## SUSTAINABLE PACKAGING

Ready to store away safely, made of recycled plastic bottles

# OTHER FEATURES



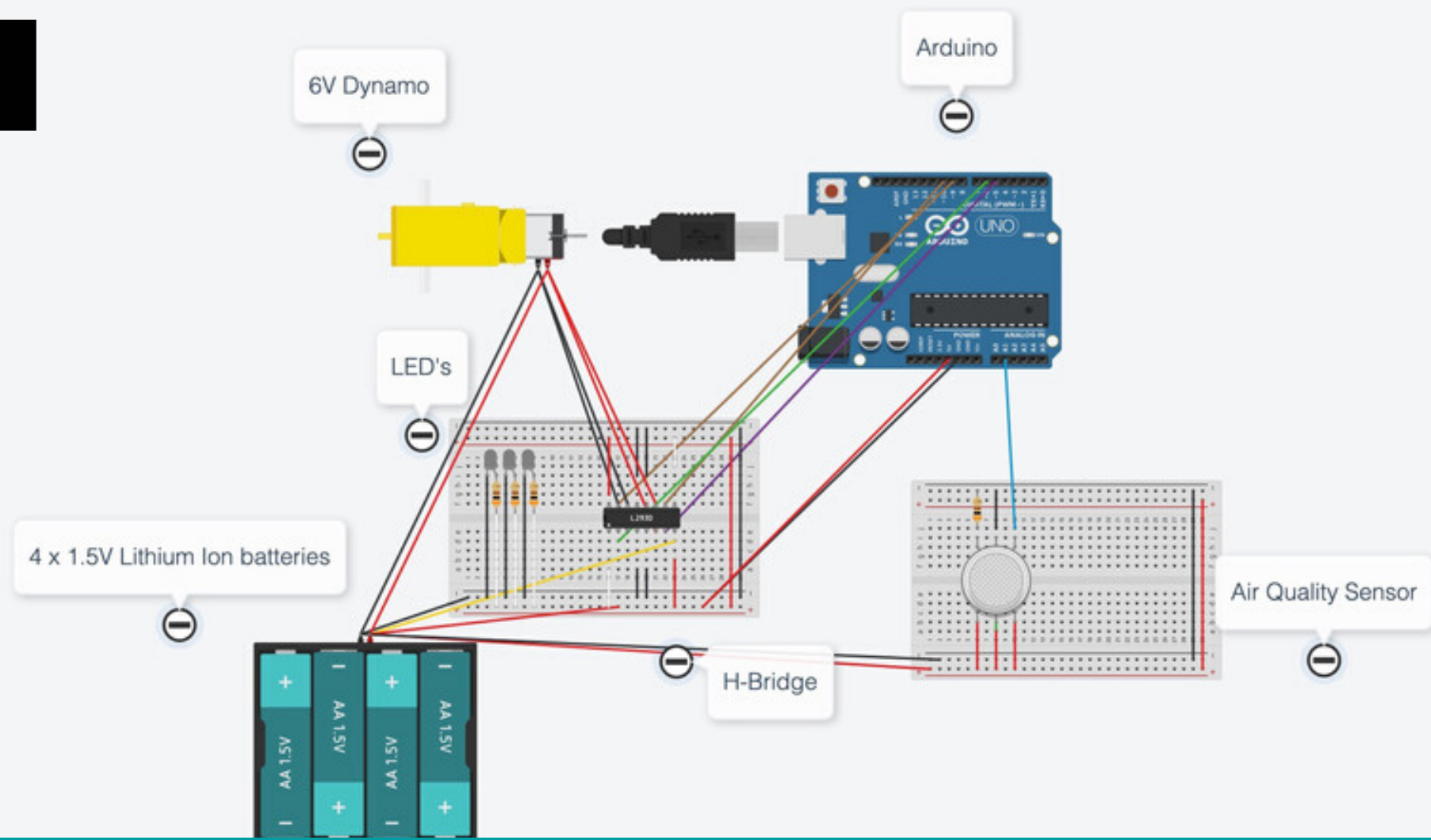


# TESTING

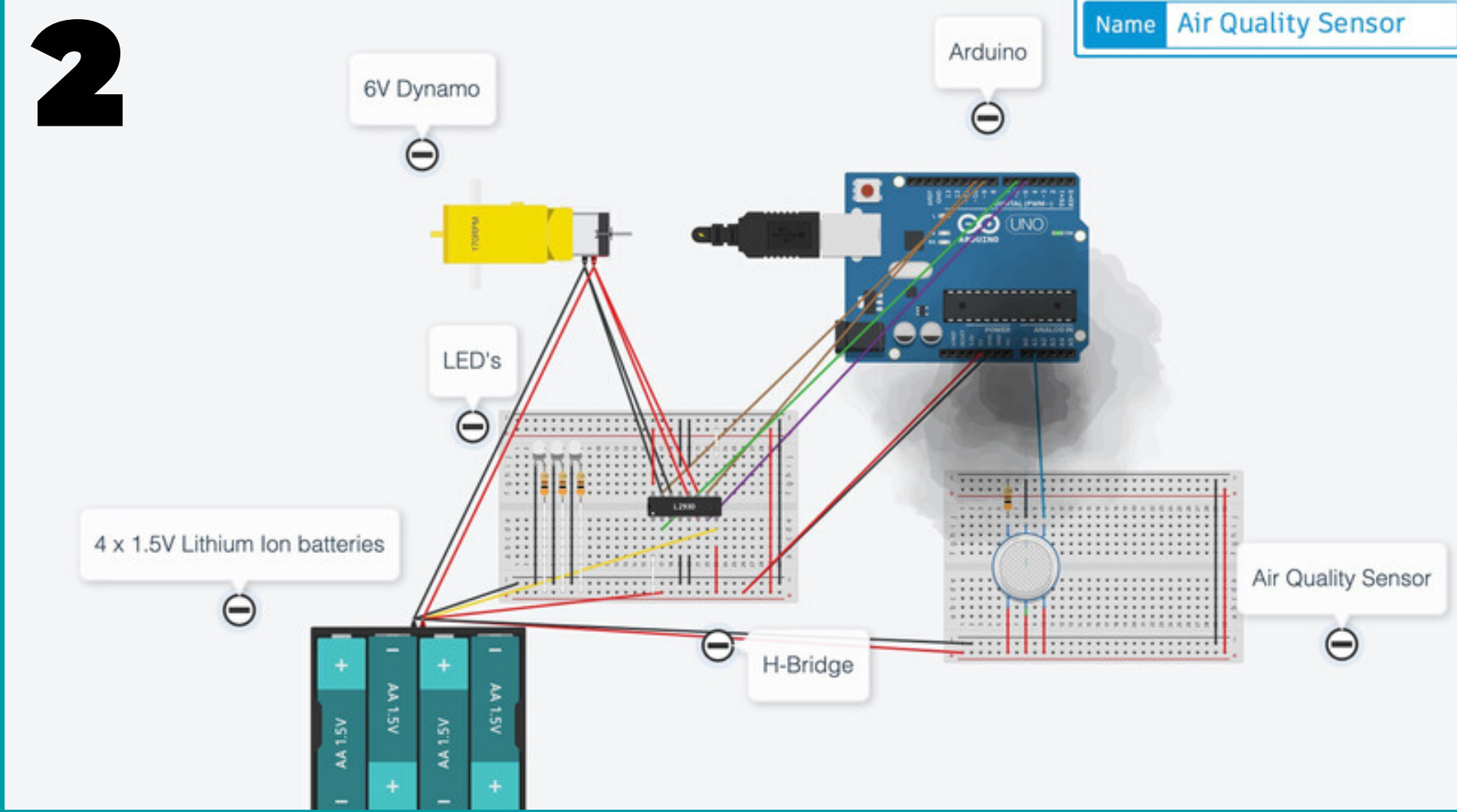
TINKERCAD TESTING - VIRTUAL SIMULATION



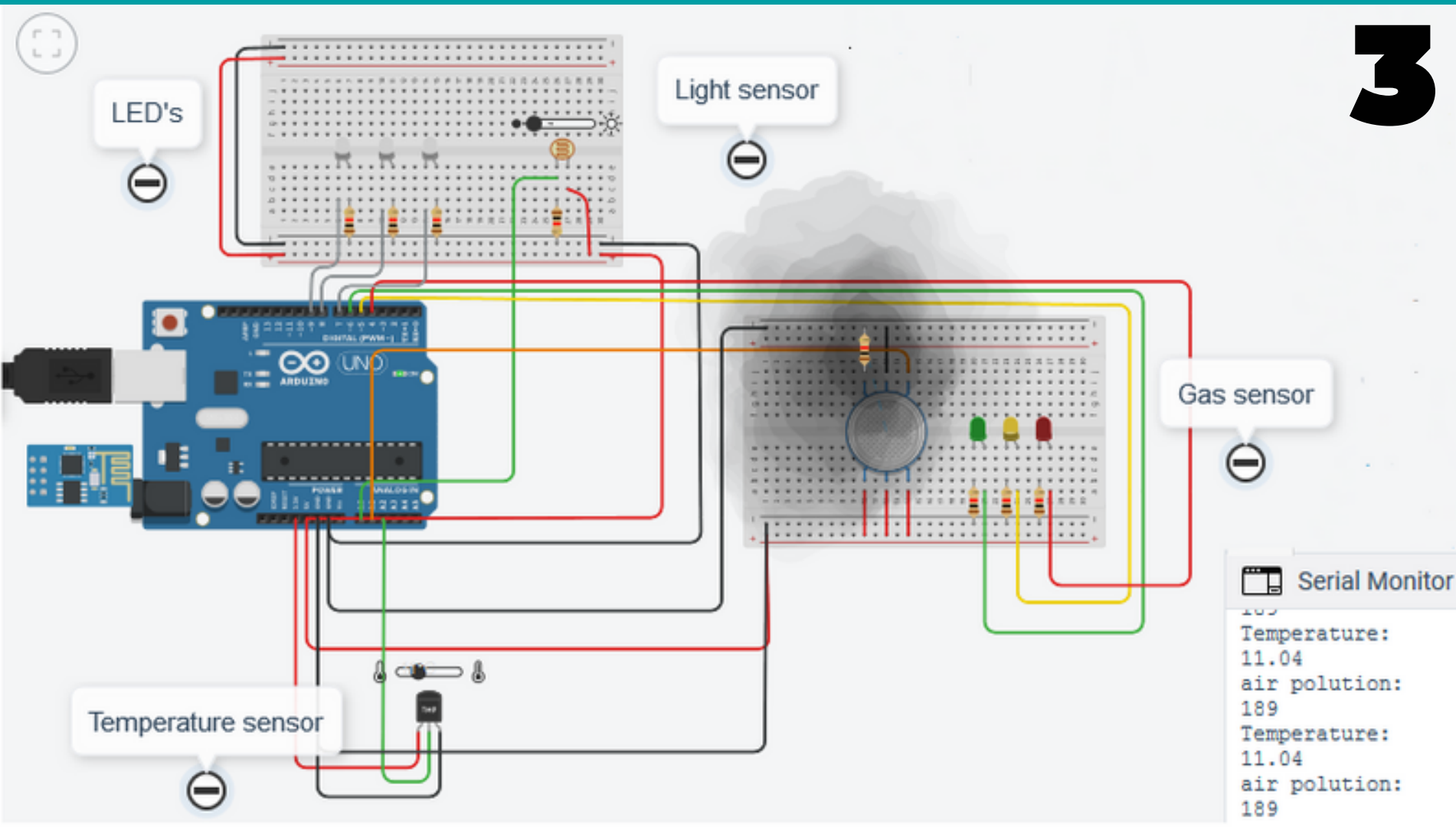
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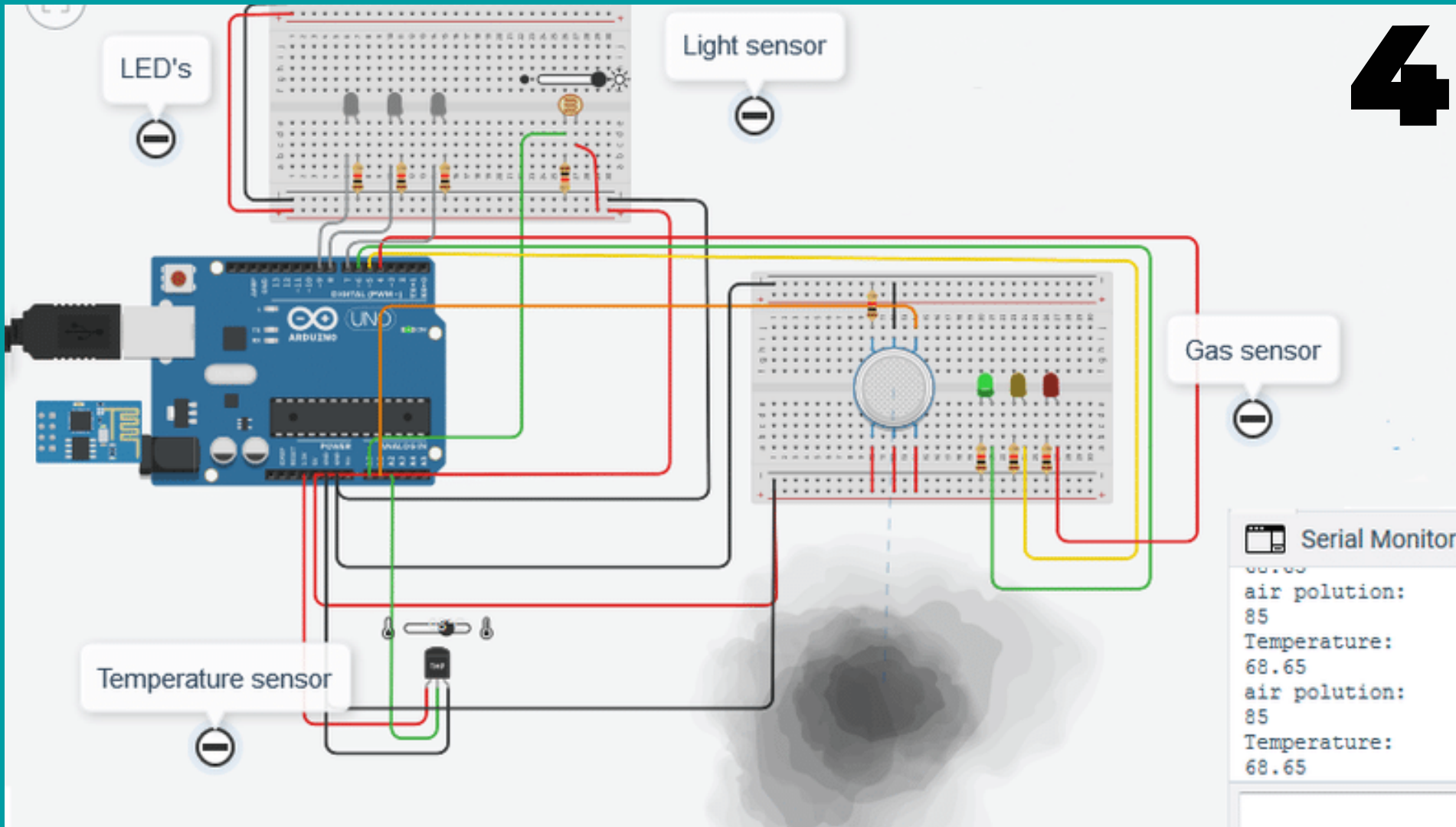
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3

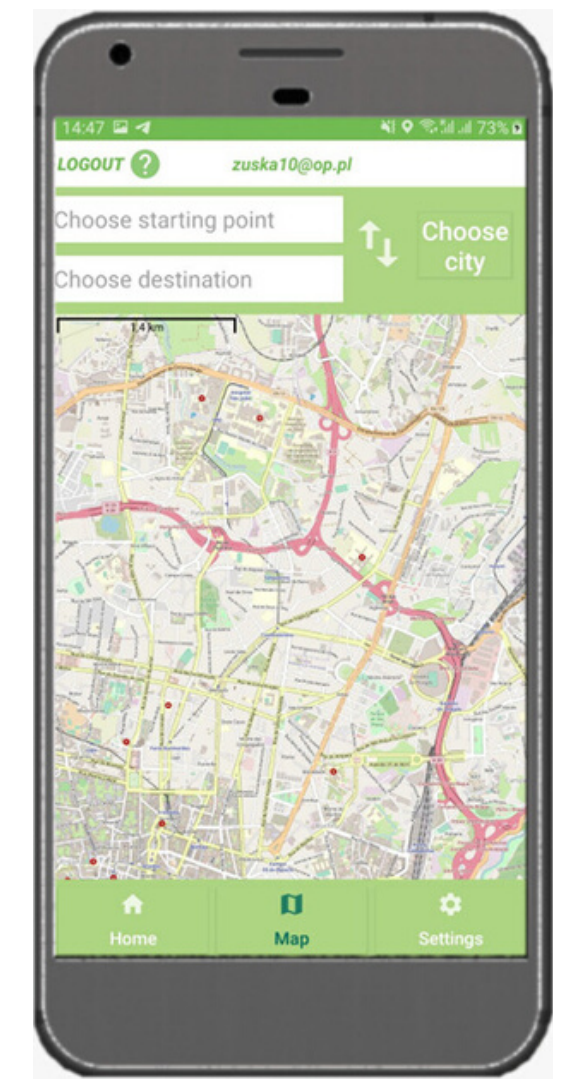
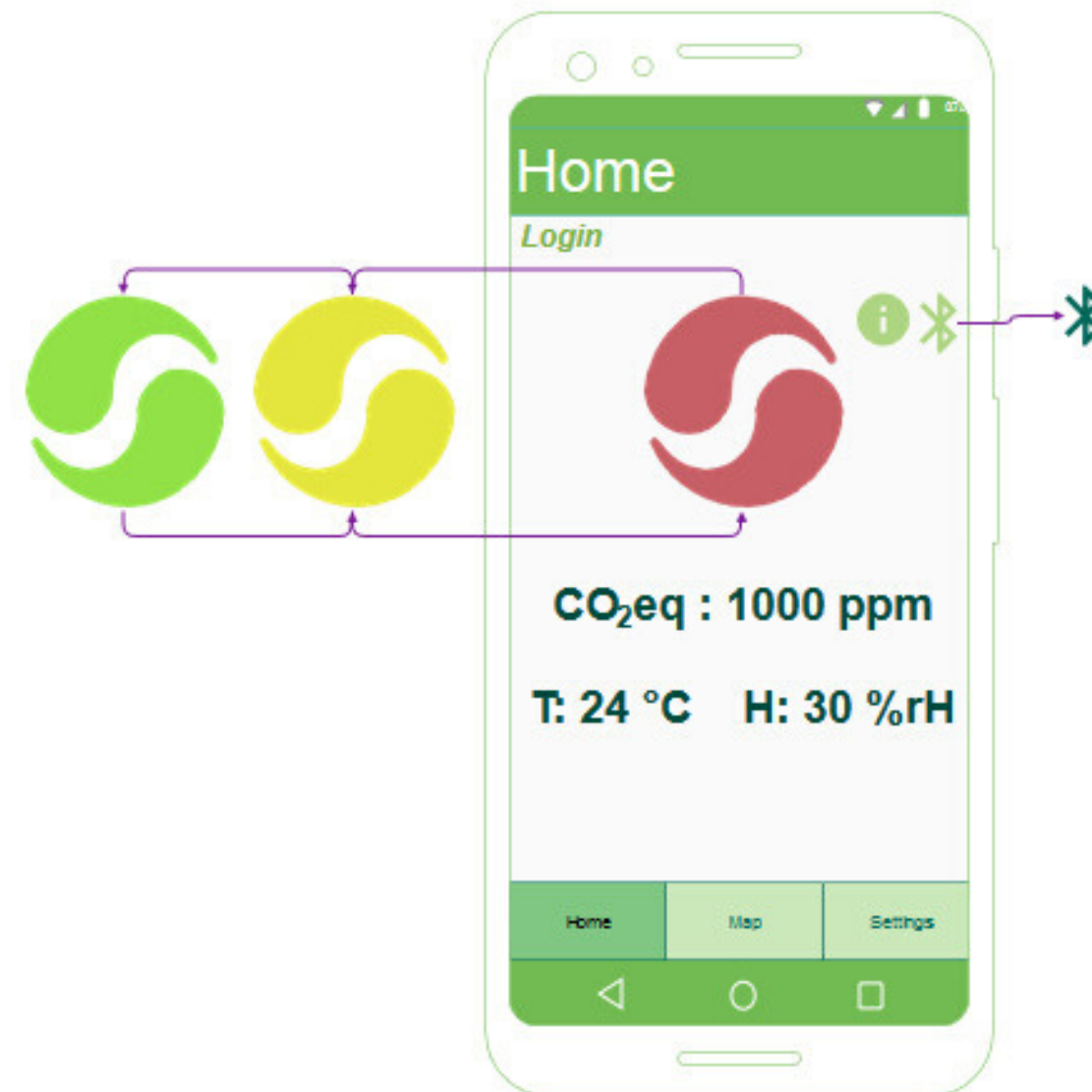
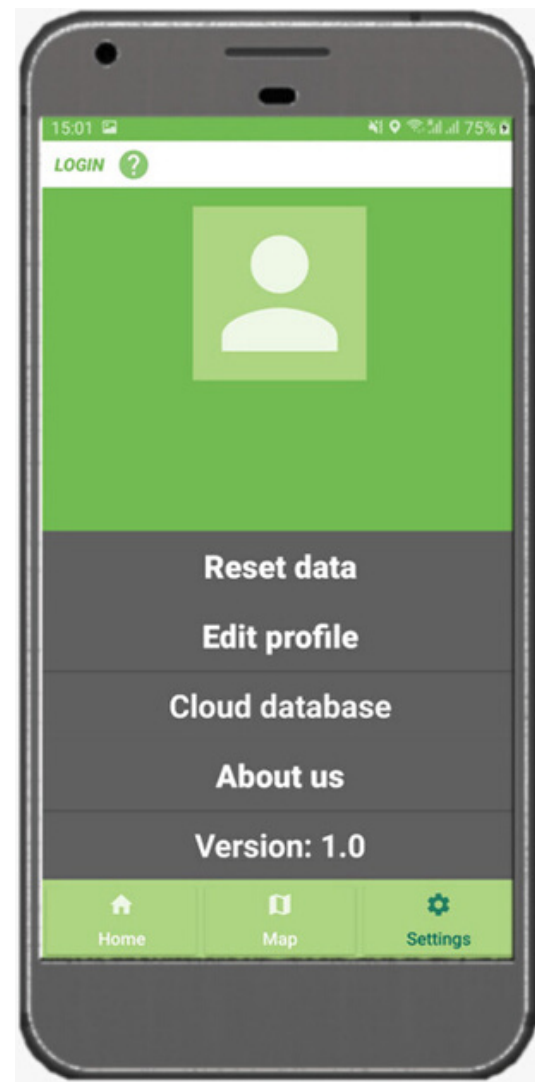


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# THE APPLICATION







## CONCLUSION



Multidisciplinary  
project



English-based



Remote learning &  
communication

VIABLE  
PRODUCT!

# FUTURE DEVELOPMENTS



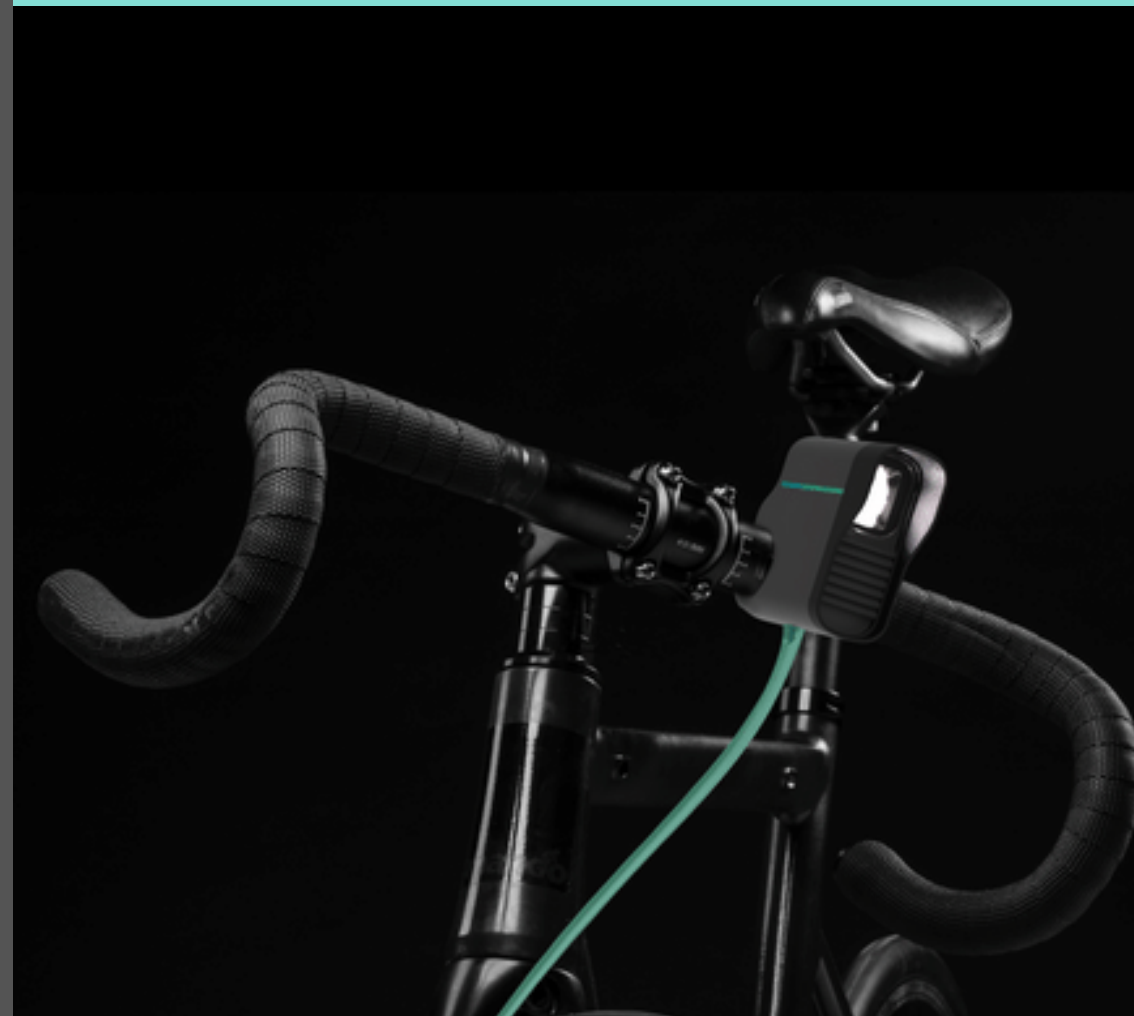
Addition of side and back lights



Partnership with communities

iOS

Map navigation improvement and iOS version creation







GOairLIGHT TEAM  
WANTS TO

**Thank you!**