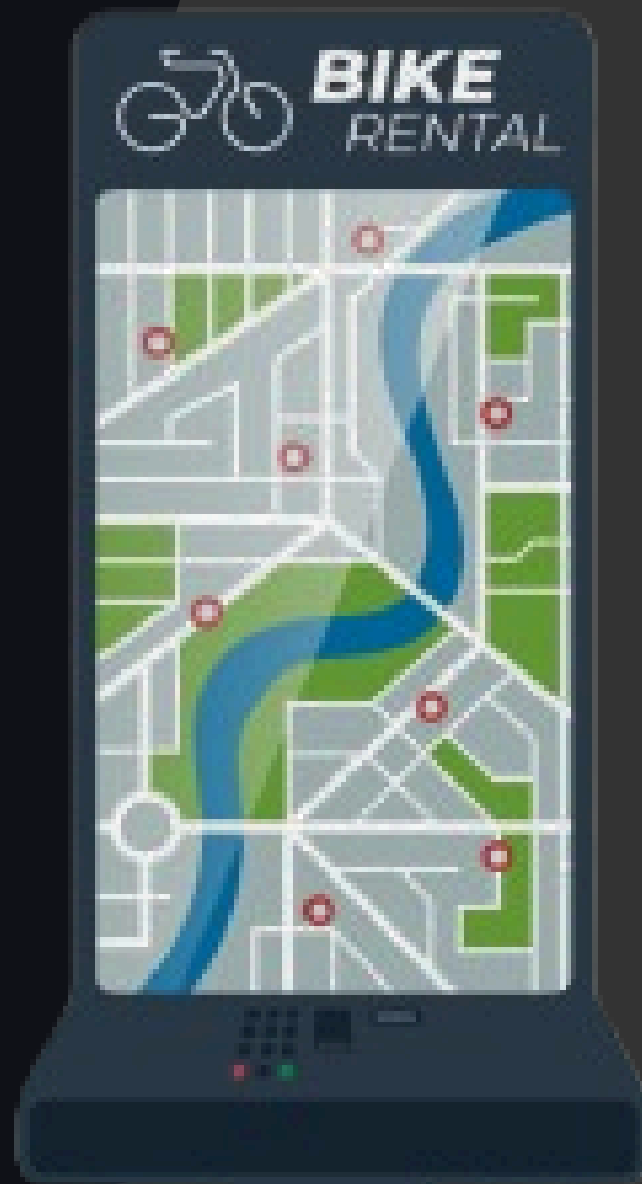




# BIKE CAMPUS HUB



# BIKE CAMPUS HUB



# STATION



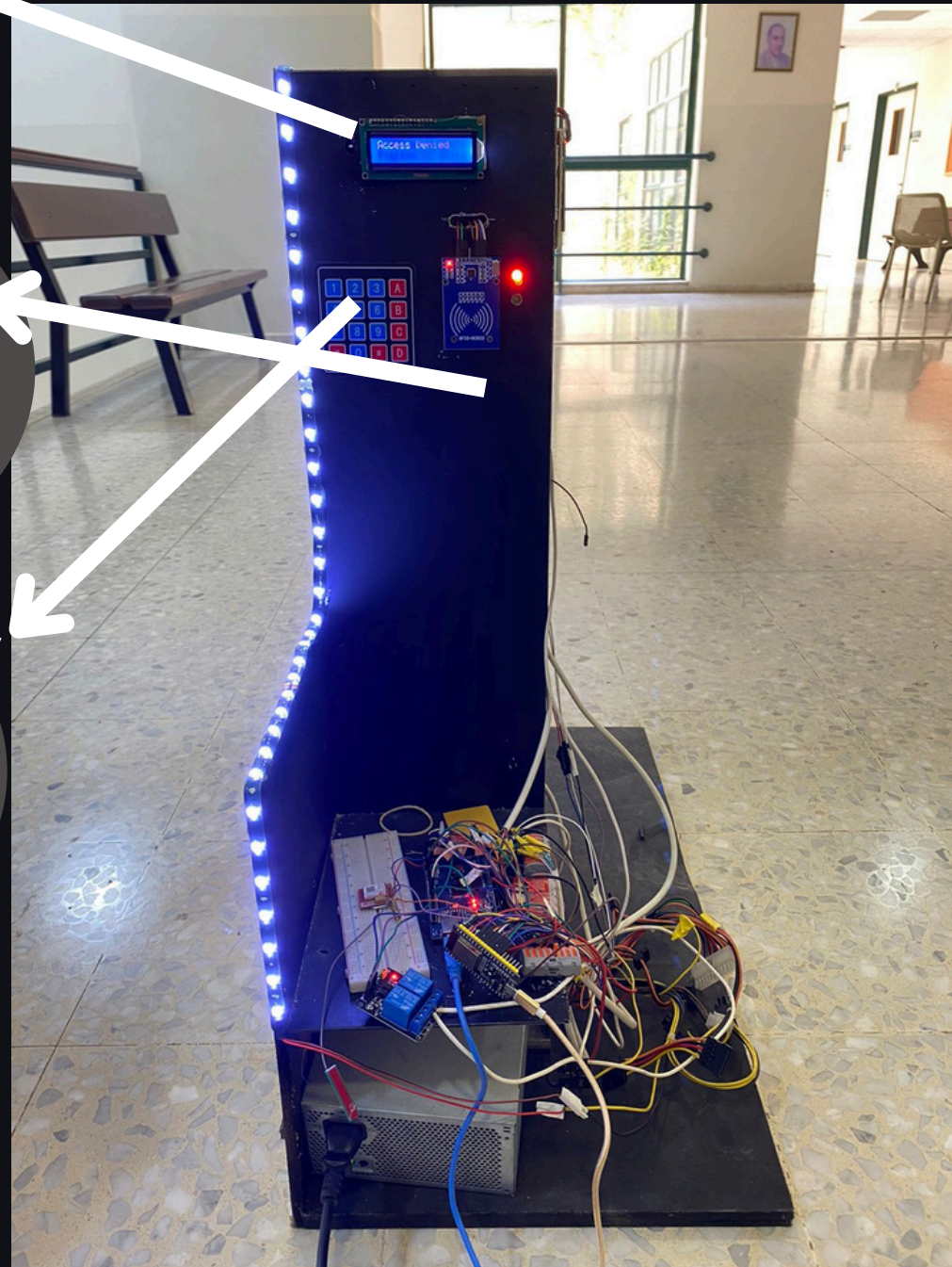
bike  
lockk

bike ID

lcd

User ID

access by  
phone  
number



# BIKE



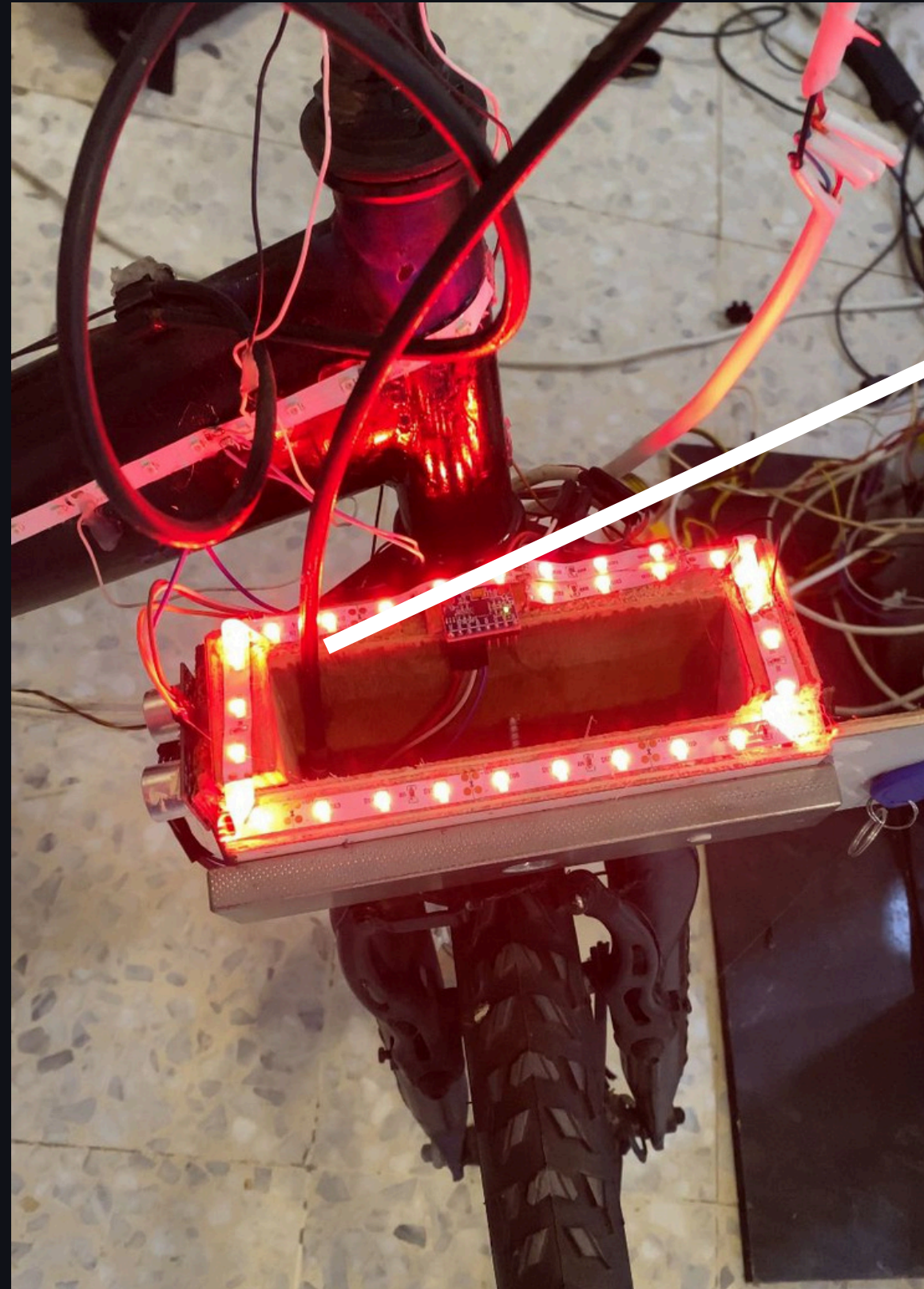
# BIKE



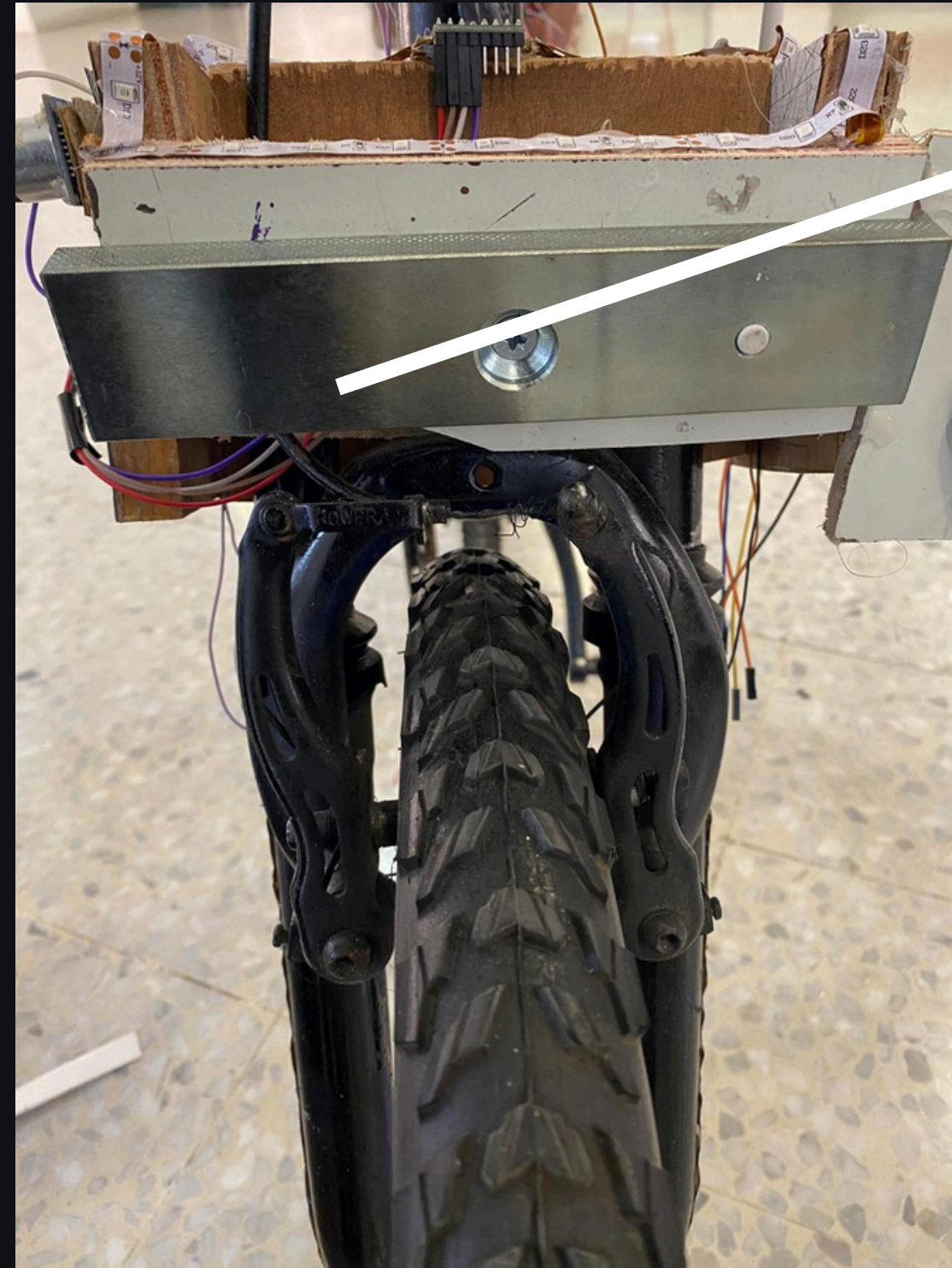
# BIKE



emergency  
LED

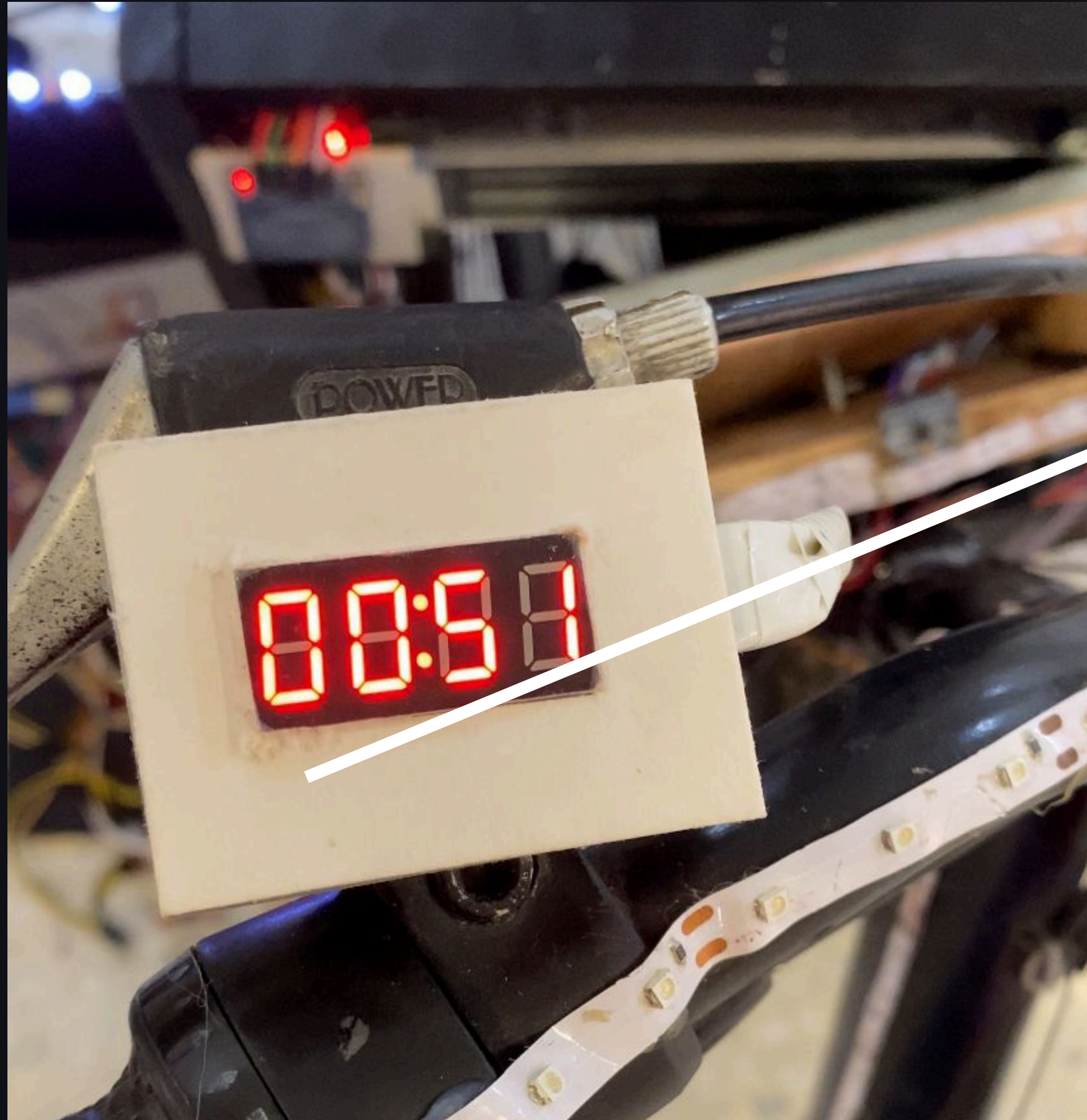


# BIKE



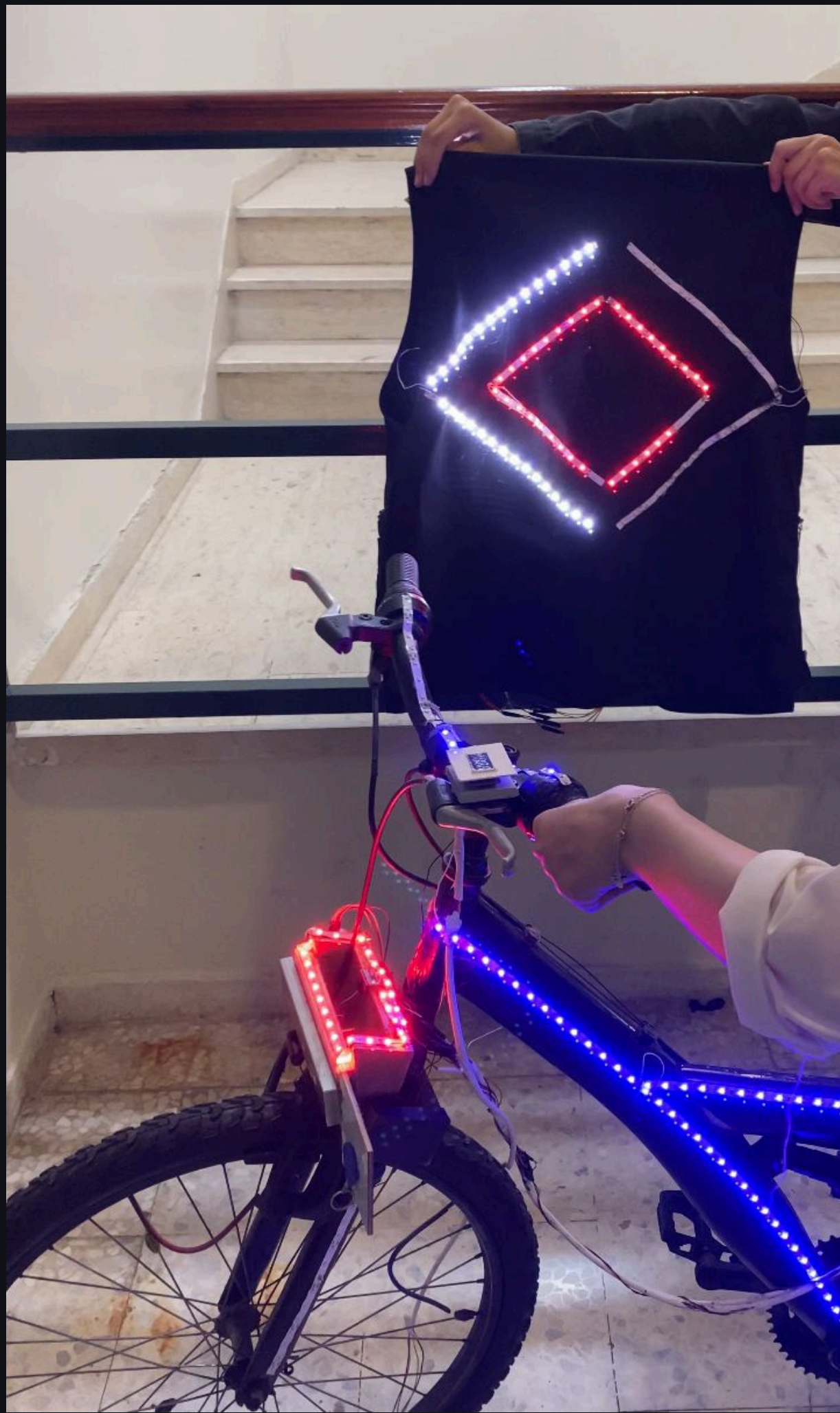
bike lock

# BIKE



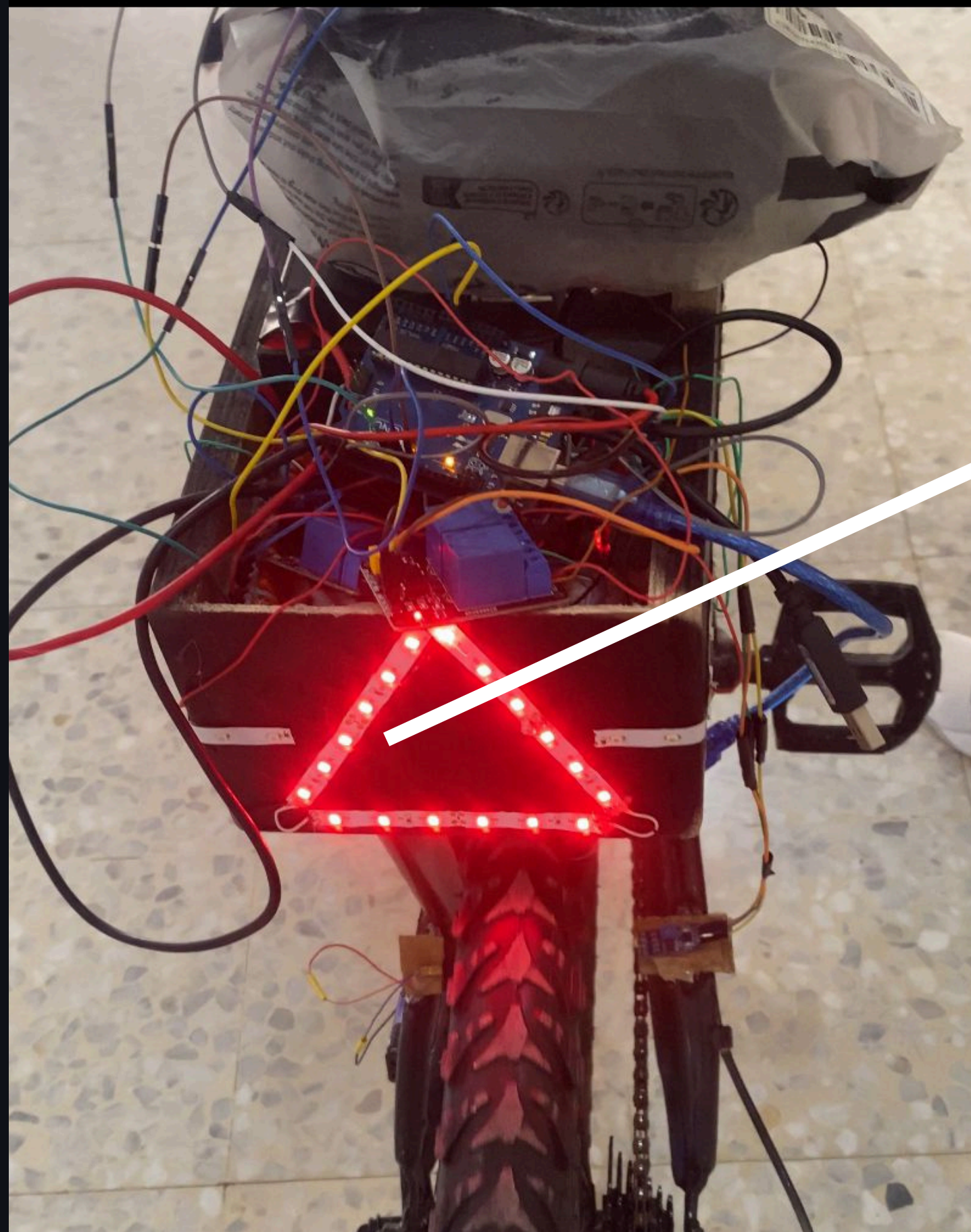
bike rent  
timer







Stop LED



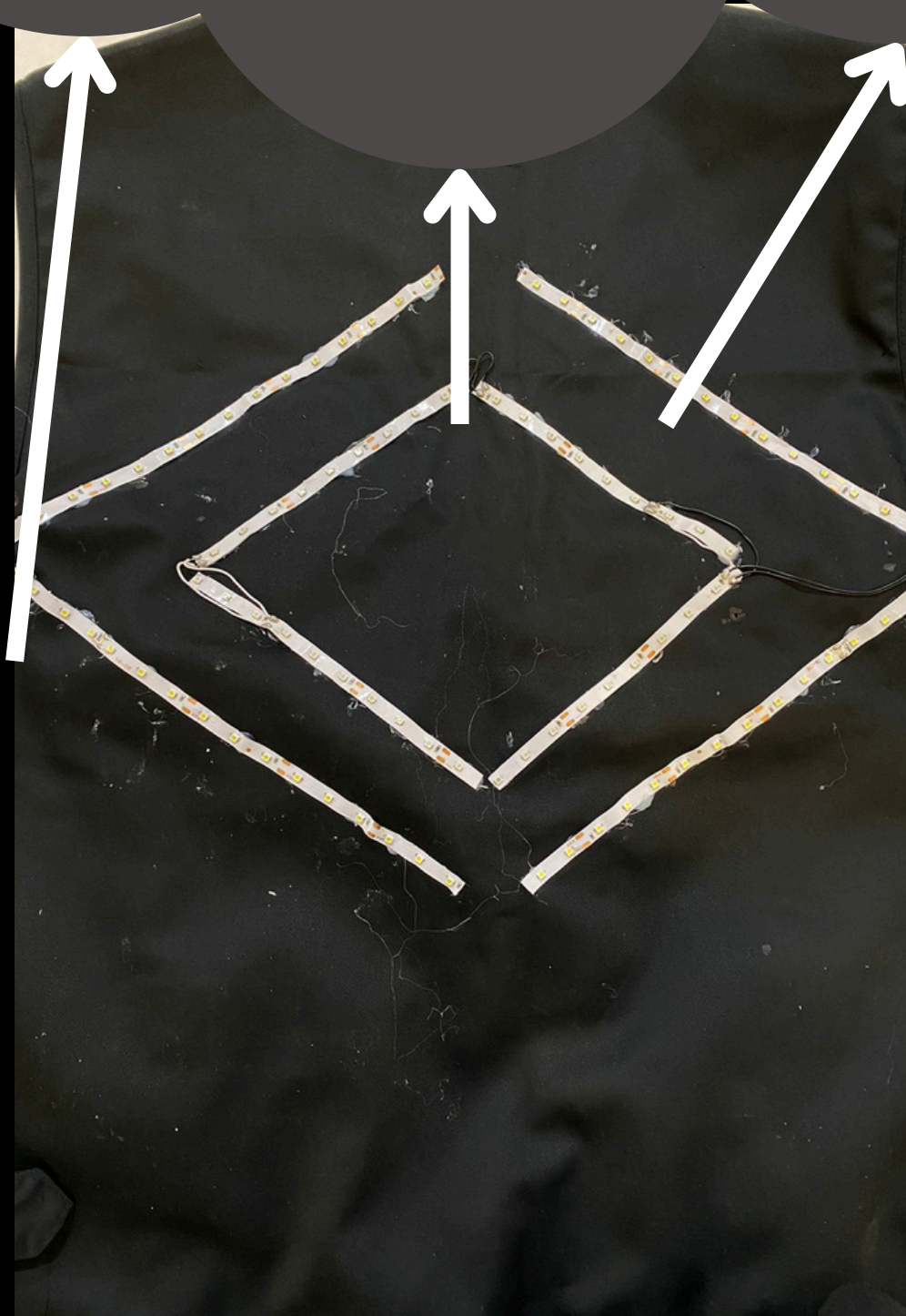
# VEST



left led

right led

stop led



# CONSTRAINS



- Reliable internet connection .
- Synchronisation between controllers, interference between operation.
- Many Types of Battery for Station, vest and bike

# FUTURE WORK



- emergency system for user.
- charging power supply by station
- stations with suitable number of bikes for student.



**THANKS**