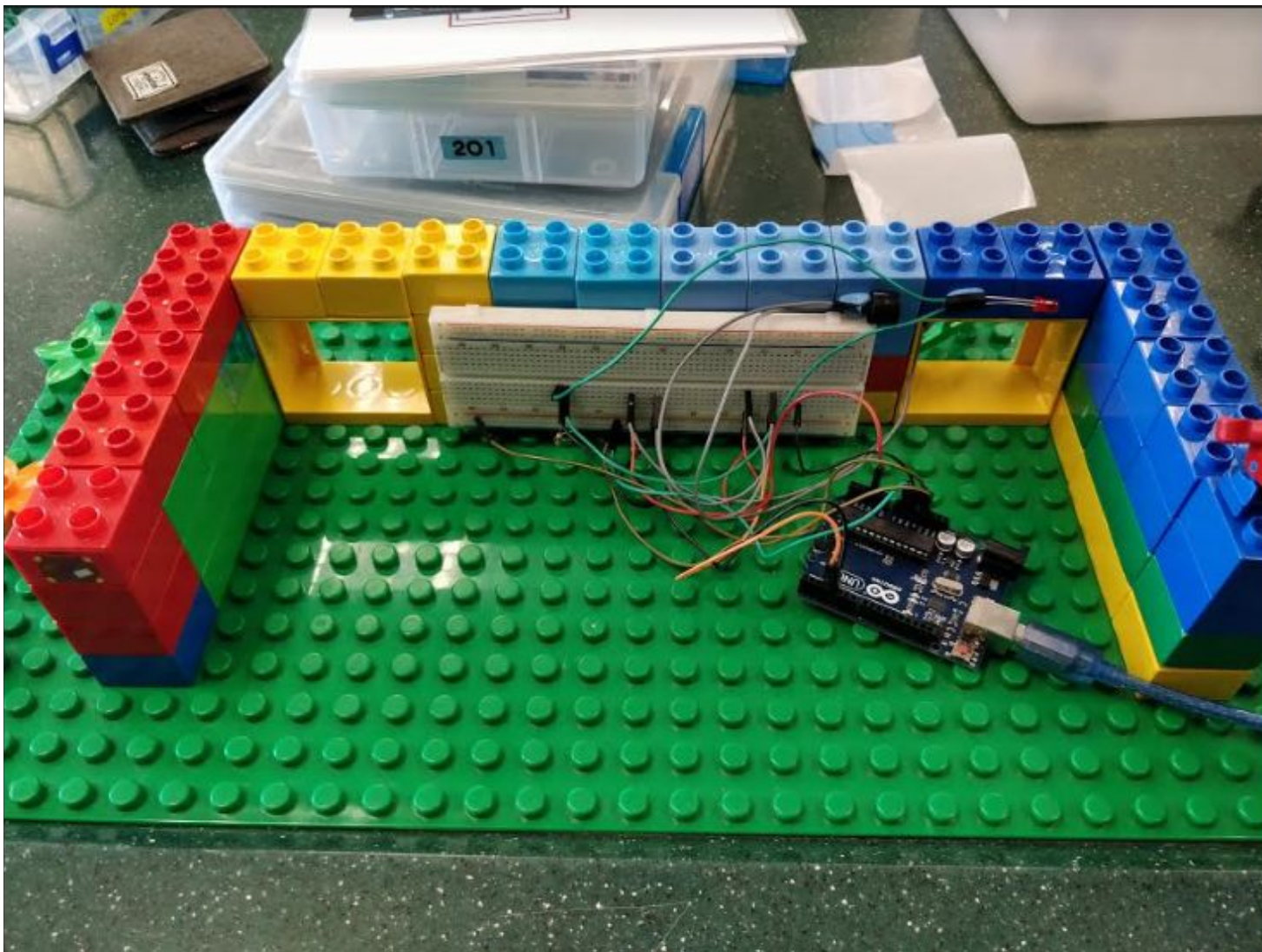




Heading: ***THE LIGHT DEPENDANT DOOR***

Problem: Students who are assigned to open the classroom's backdoor are unable to see people who are passing and may accidentally hit them, leading to injuries.

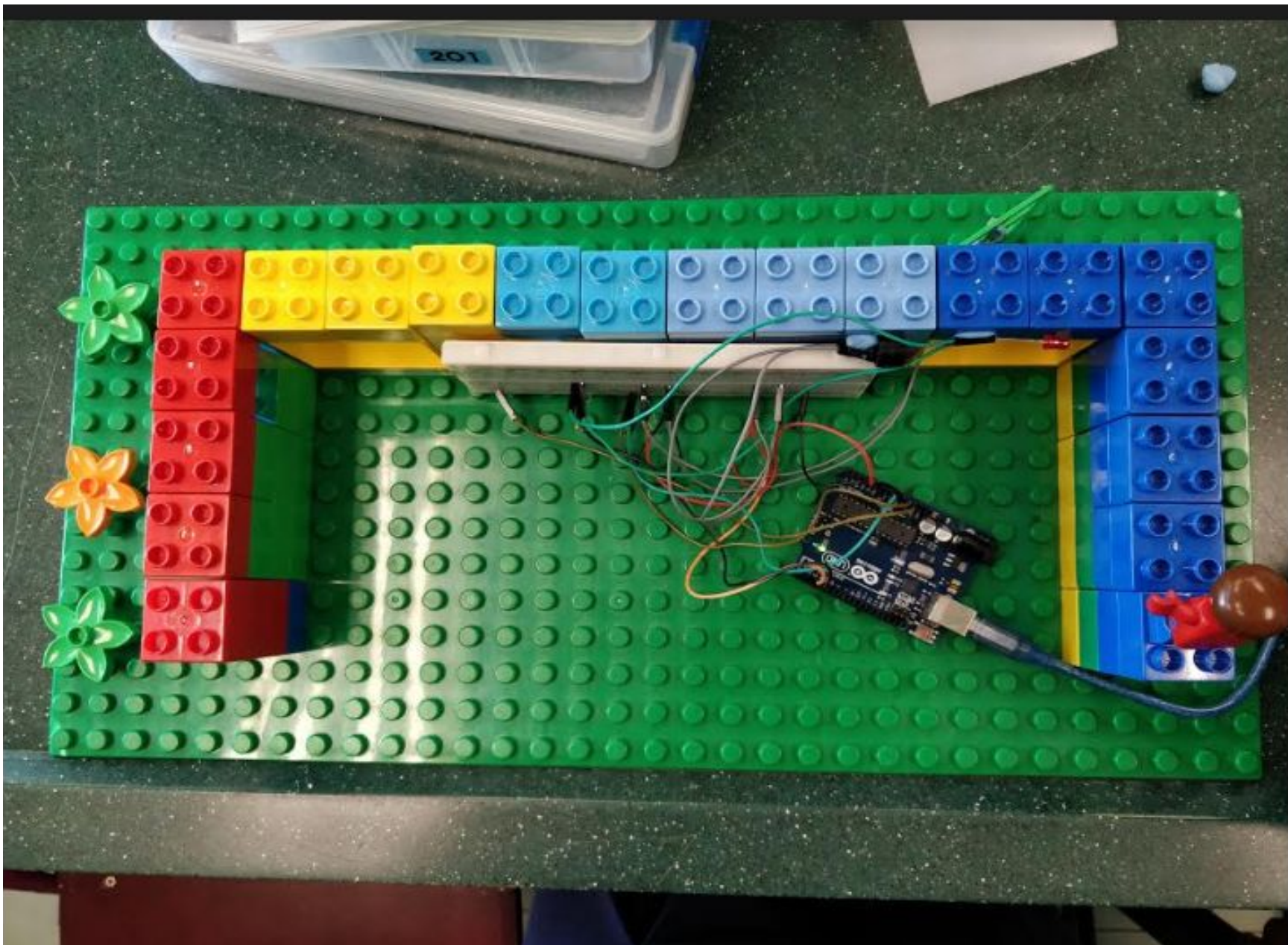


Target audience:

Everyone in school

Proposed Solution:

There will be a light sensor attached to the door once the light is blocked, normally by the presence of someone, there will be a buzzer sound that allows the student to note that the door can't be opened as there is somebody behind. This will be a safer option as people will be alerted and that there will not be any injuries regarding collision of the door.



How it works:

If somebody were to walk towards the back door as it is opening, the light sensor will detect the decrease in amount of light and set off the sound buzzer, alerting the person who is about to open the door, that they should

not open it yet as they would hit somebody. The sound buzzer will also also alarm the person behind the door that it is being opened and that they should be wary of it.

Name of group member:

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