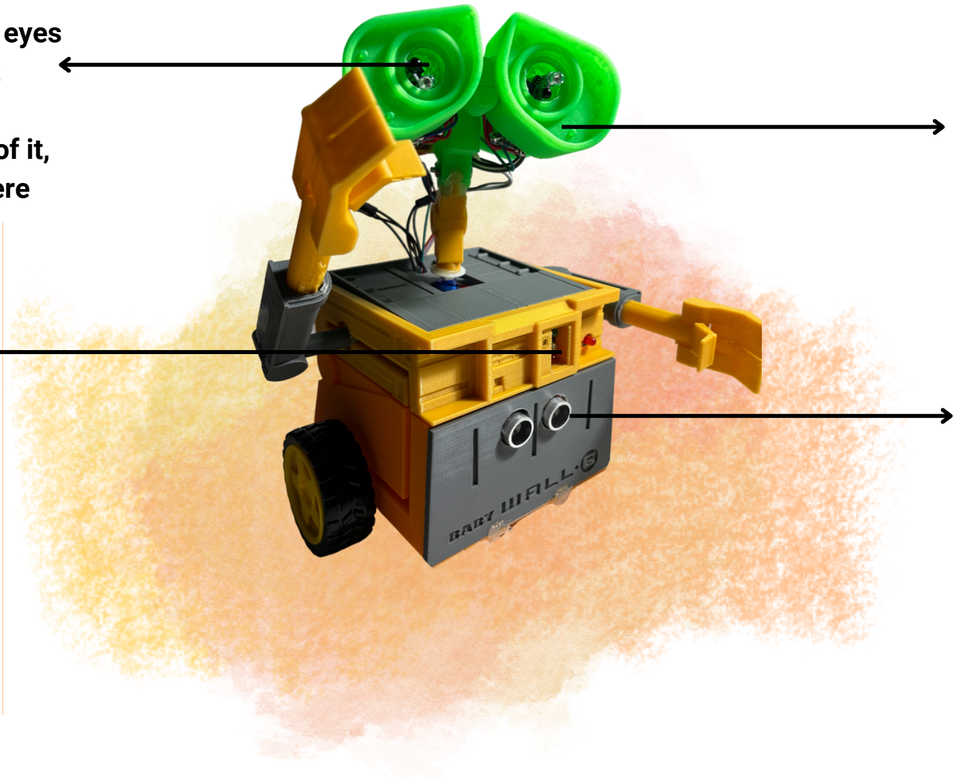
Infrared Sensors (IR):

These infrared sensors are installed on both eyes of Wall-E to allow it to detect movement that takes place in front of its face.
For instance, when a hand is placed in front of it, Wall-E will stop and turn its head toward where it detects the movement, and then turn its body in that direction.

Battery Indicator:

By utilizing LED lights, this feature will enable us to know when the battery needs to be recharged or replaced.



LEDs Lights:

The eyes will have two colors: blue and white. The blue color indicates that Wall-E is moving freely, while the white LEDs will turn on when an obstacle is detected by the ultrasonic sensor. This helps us understand if Wall-E is working properly.

Ultrasonic Sensor:

The use of the ultrasonic sensor will allow Wall-E to have the ability to move freely while efficiently detecting obstacles in front of it. This sensor will allow Wall-E to accurately determine the distance to nearby objects. With this capability, Wall-E can navigate its surroundings with enhanced precision, avoiding collisions and ensuring safe traversal.