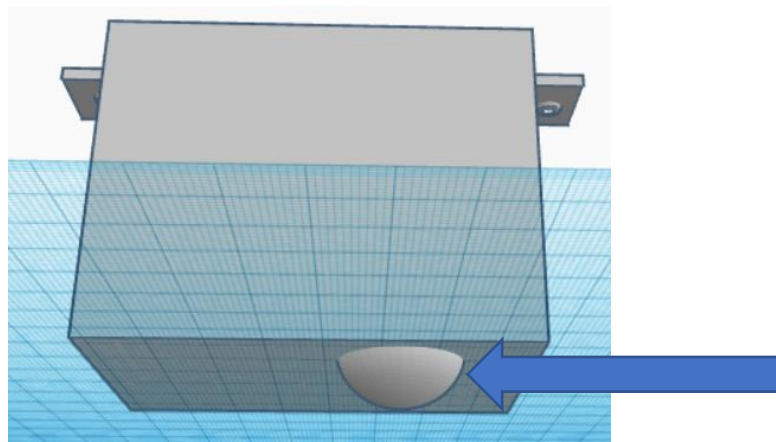


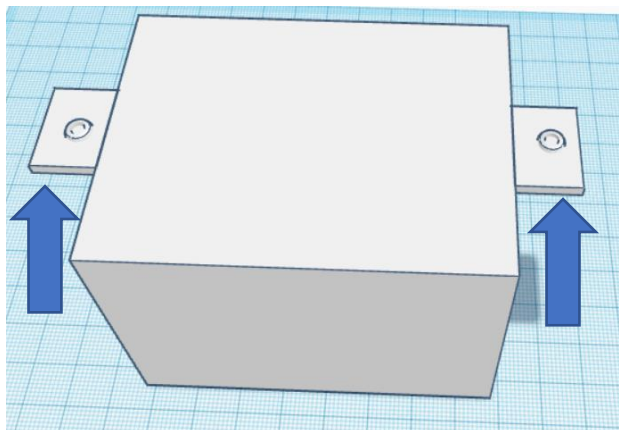
## Discussion on the product moulds and shapes used with justification:

### Shape details:

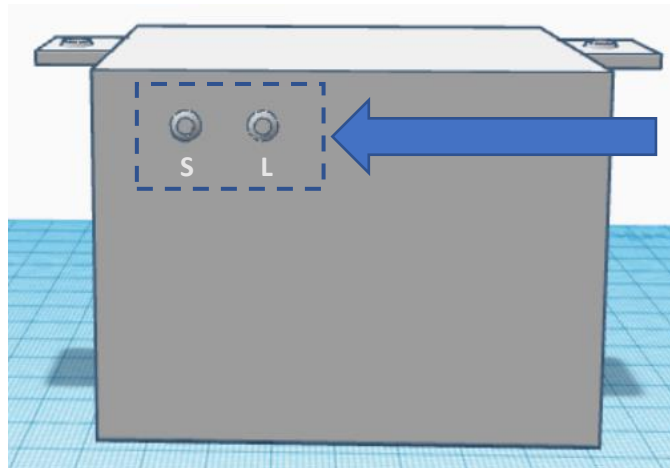
- Shape of our product is Cuboid with dimensions **8 x 6 x 6 cm** where there is a semi-spherical mould which is kept for Fresnel lens of the PIR sensor at the bottom side of the box.



- We provide two screw sections on either side of the box. This enables the customers easily install our product anywhere like wall, work benches etc.,



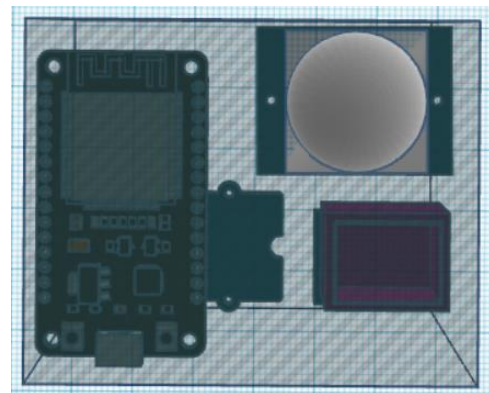
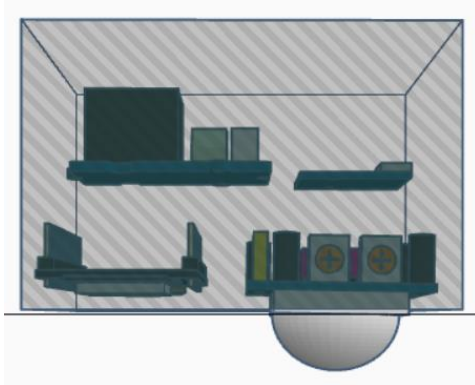
- Finally, there are two wire outlets at back side, one is for AC supply And another one is for Light/bulb.
  - S is for AC Supply
  - L is for Light loads



[Cad file link](#)

### Why Cuboid:

- As per the consideration of all the dimensions of the components we are used cuboid is best fit for our product.



- It is easy to build than other shapes.
- Inside arrangement is good in cuboid than a cylindrical one
- Easy to install