

Brochure robot

Introduction:

If you want to share some different types of brochures, as you know the benefit of brochures is to introduce something for example If you have a big event and a lot of inviters, you need to host them and introduce the even, booths or whatever you should show him, it's unexcitable to receive all the inviters in the same time, every one probably arrive in different time, so you have to repeat the introducing for every one , this is problem and we have to solve this problem by using new technic means new technology to give as same effort with little cost.

Abstract:

Creating a robot to do service which is giving collection of brochures by showing different types of brochures throw touch screen working by program, When you touch a one brochure directly bring it from the store inside the body.

The robot divides into three main parts Head , body and movement bracket (footing).

the operation programs will be with program group which they specialize in programming.

Designing the robot

- First of all rough drawing of the robot starting with the head :

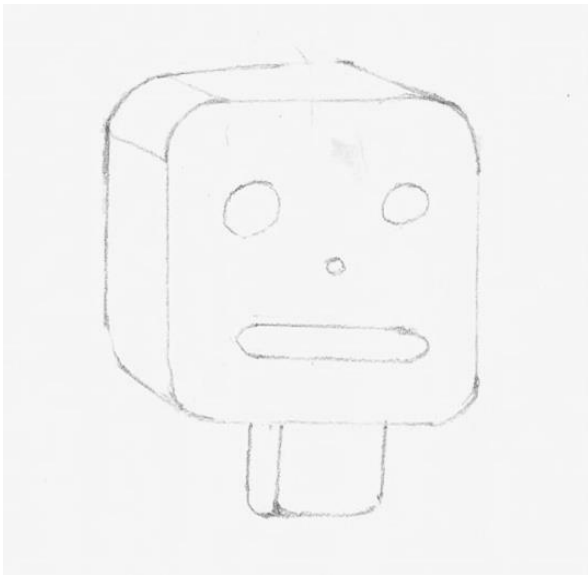


Figure1: robot's head in 3D view

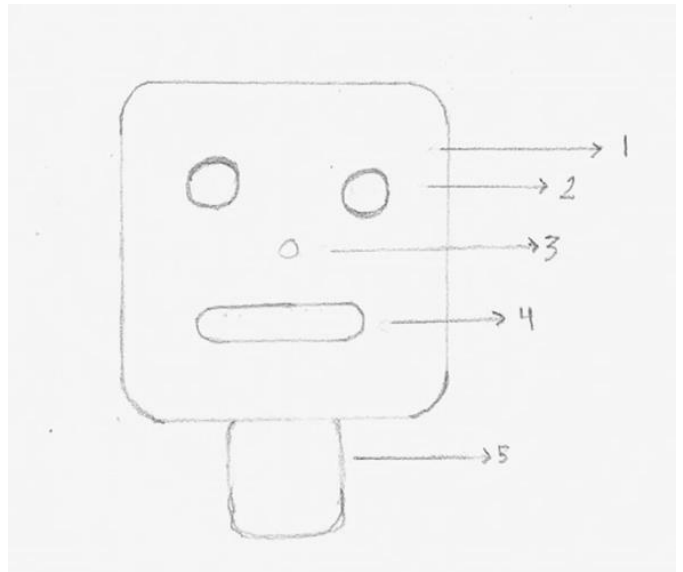


Figure 2 : the parts

Discussion :

create a brochure robot that will help to provide a certain collection of brochures for inviters , customers or any place that has a crowd and you want to serve them with brochures.

A- Starting with the head :

As can be seen in the figure 2 :

- 1- Rough head with square box to hide some devices which we will need.
- 2- Eyes : we trying to make the robot similar to people to be more familiar for youngest.
- 3- Nose : in the nose we well use some sensors to feel if there is any one in front of the robot who is trying to take a brochure .
- 4- Mouth : well be a speaker connected with the nose sensor, if the sensor feels there is a person in front of the robot directly send a signal to the voice devise to share a welcome massage.
- 5- neck to hang the head and passing the wires through it.

Recommendations:

It is better to develop and enhance the design of head to be beautiful and more acceptable for example figure3.

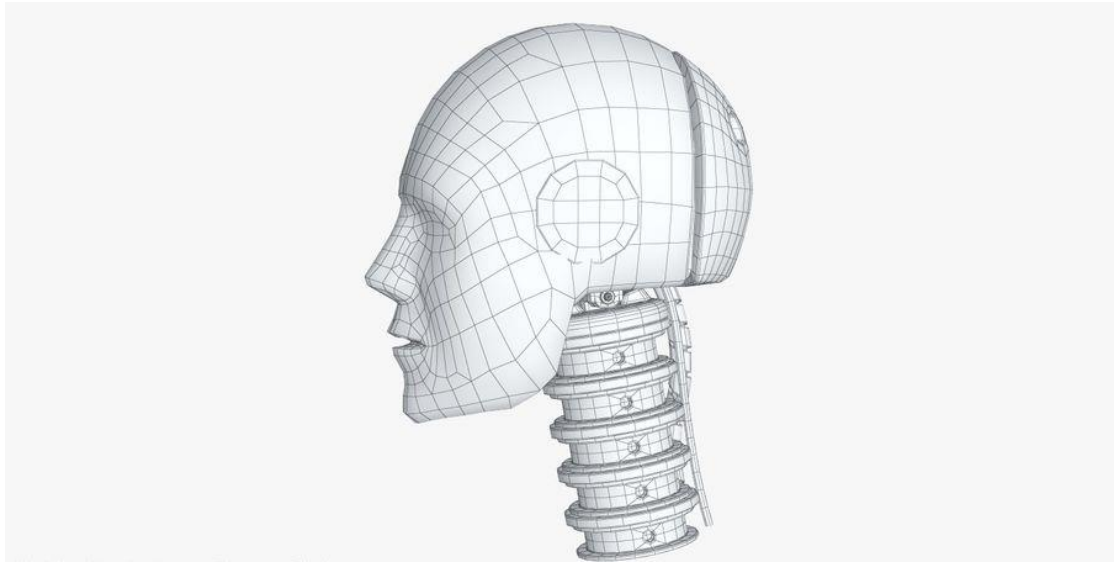


Figure3: advanced robot head.