

SHOTO COAT

PRODUCT FUNCTION

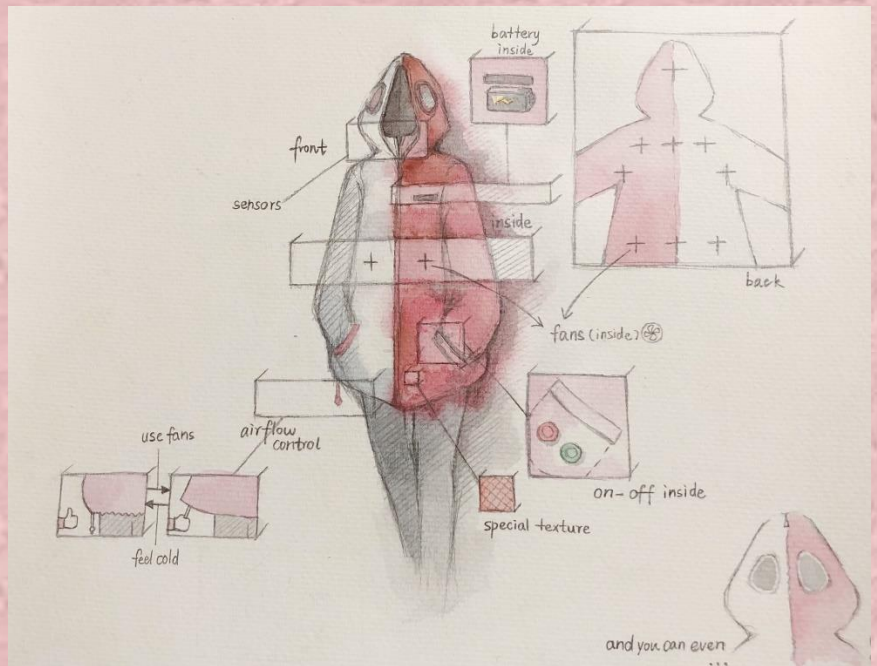
We set sensors on somewhere outside and inside the coat so that the coat can adjust the temperature automatically. Also, considering of the safety, like some emergencies, we set an on-off switch so that the users can control the system by themselves at the same time. To convey the temperature information directly, we set a small monitor on the arm part of the coat. We also design more details which you can see on the picture.

For cooling, we set many little fans inside the coat. And for having a good ventilation, we set them relatively higher inside the coat and have a certain inclination. At the same time, we make many breathable meshes relatively below the coat. Thus, the airflow generated by little fans can flow down the coat and then flow out of the coat naturally. Also, considering of the condition of keeping warm, we want to use some kind of special material as the fabric of the coat. As to the breathable meshes, we will sew some fabric on it, just one side in four sides like what the picture shows. Certainly, the fabric has a certain mass. Therefore, it is easy for air to flow out but difficult to flow in.

The purpose of product design is to facilitate people to cool down in winter even without changing clothes.

As we know, there is still some embarrassing situation in winter, like in crowded subway, since you are wearing too thick, it feels very hot, but it is too crowded you can't take off your coat. And sometimes in winter if you take off your coat, you may be too cold, but if you put your coat, you may be too hot.

Our product is designed to deal with this embarrassing situation.



DESIGN RECORD GRAPH OF PROJECT SOLUTION

FUNCTION SKETCH

