



ringX

Product Design for Innovation





Members

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01

PART ONE

选题背景

Background of Product

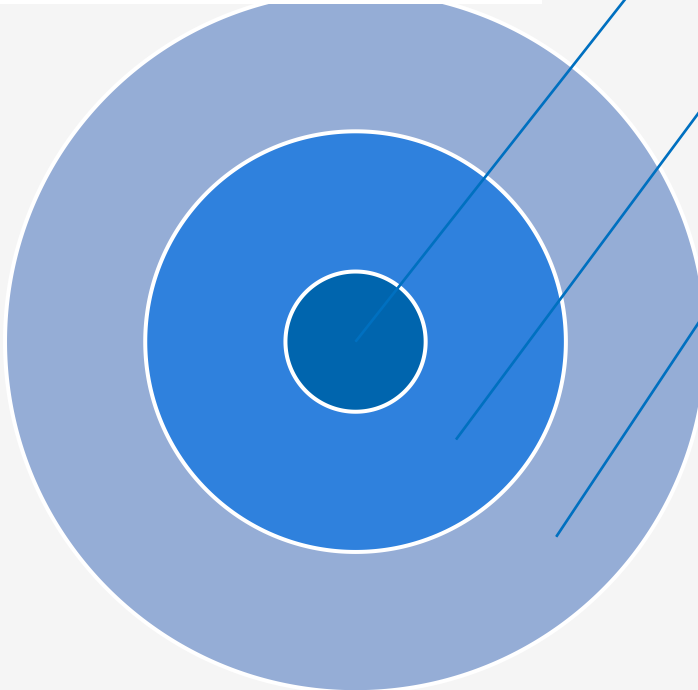


Pain points 1: inconvenient mouse



heavy

Difficult
to use



03

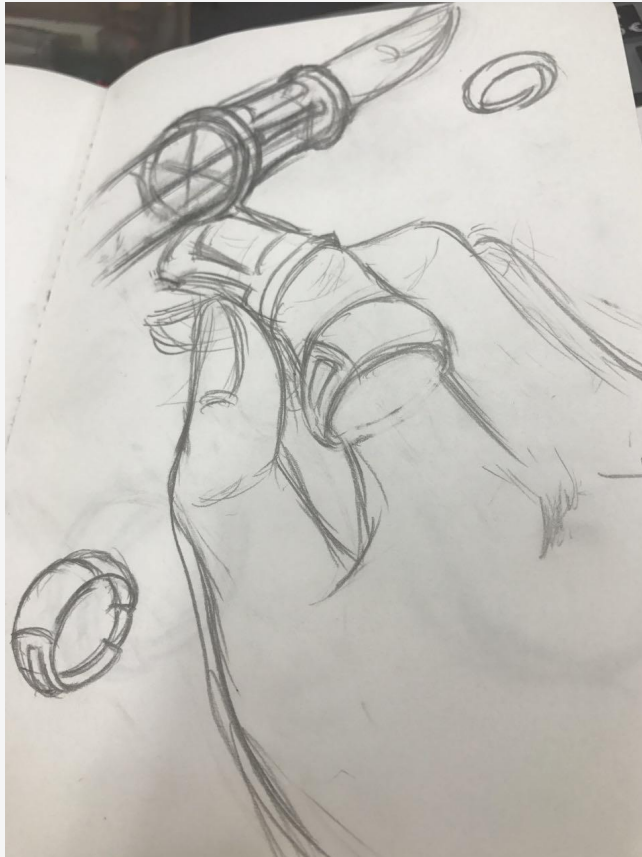
PART THREE

前期设想

Primary Design



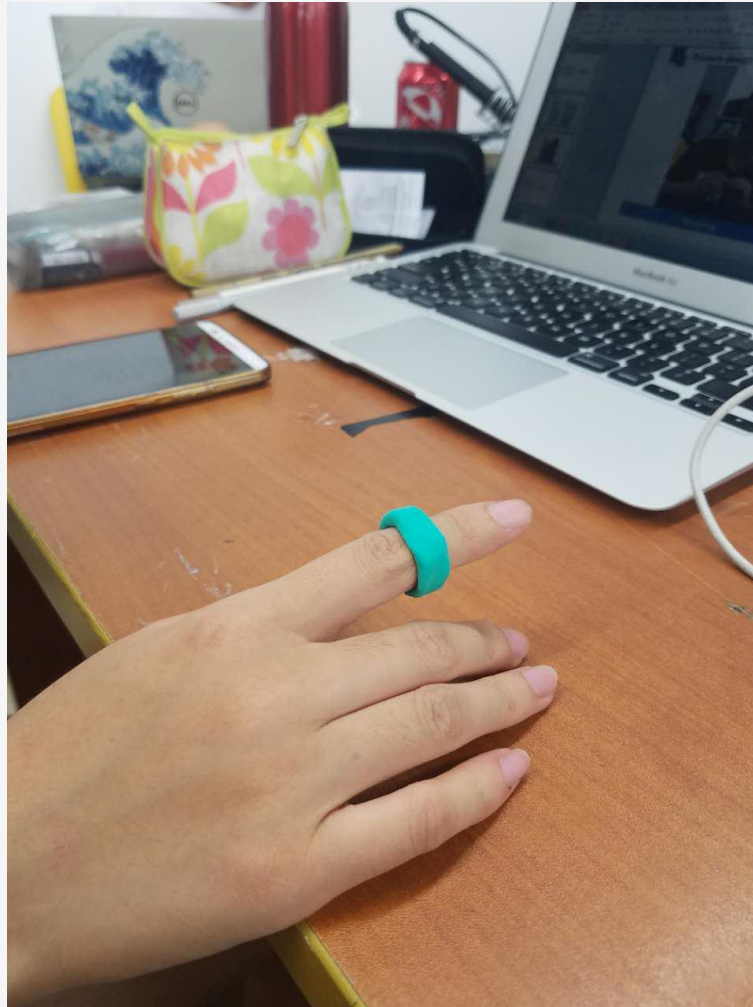
Primary design



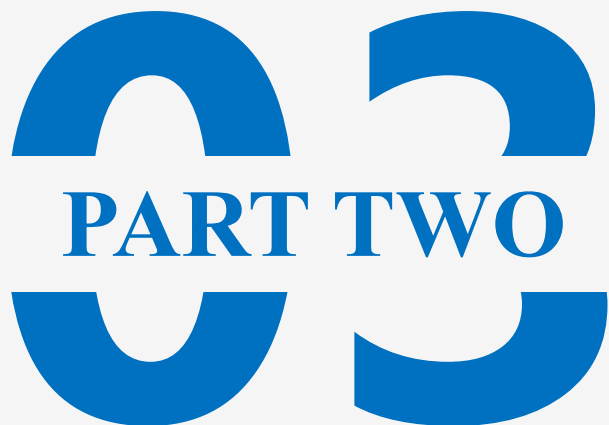
Primary design paper



Primary design



Modeling



PART TWO

实际设计和制作

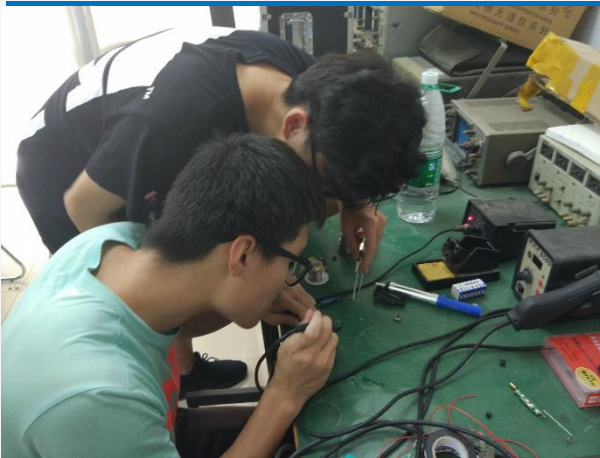
Design and Producing



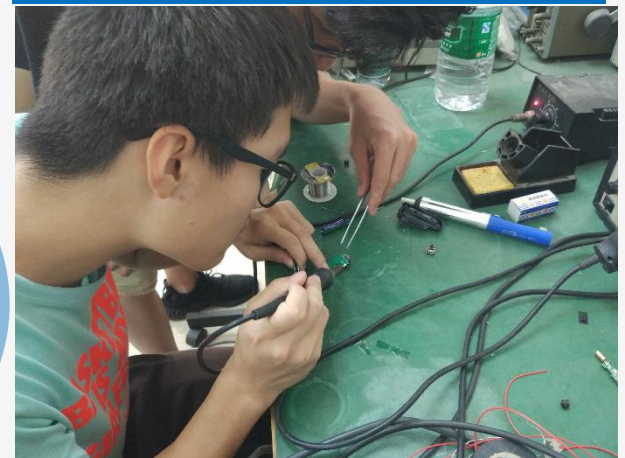
operation



cut the click button and
sensor off the PCB



Rebuild the electrocircuit



Just
Do
It



Reduce the volume

Design and producing



Semi-finished product

Design and producing



IDEA

Our group believe that an excellent product is supposed to be innovative and practical. To find out the pain spot in our everyday life, we make a brainstorm in the first. The first task for us is to make clear the directions of designing a brand-new product. Brainstorming is a nice way to help us open our mind, and it's a kind of Divergent Thinking.

After that, we had a heated discussion to determine the direction. All group members reach a conclusion that whatever product we are going to design, we are supposed to make clear what is the product made for before we begin to gain any improvement.

PROBLEM

We team RingX have made a strong idea that we will make a special ring that can be a mouse controller and it is a wearable device for those who are tired of ugly and heavy mouses.

Maybe it is kind of impossible and hard to make it, but after our brainstorming, it's the best of our ideas.

HOW TO MAKE RINGX IN A WEEK?

However, life is realistic, we cannot be so capricious because we have to finish our course work and pages. The ringx is kind of impossible, we have to give up it. But at the same time, it is just like our kids, we cannot just go away. So we decide to do something to achieve some of the ringx functions. It is what we have done these days.

OTHERS

WORKING FOR PAPER REPORT BOOK AND VIDEO

Our product which is called RingX is aimed at producing a wearable device which, to some extent, can implement certain mouse functions with a shape that looks like a finger-rot. Due to technical limits, we can't transfer the functions of a mouse to our finger-rot perfectly, but we can realize some simple mouse operations such as left-click, right-click, tap switch. Based on those basic features, we have added some other functions like PPT controller.

Report book

04

PART FOUR

预期成果

Expected Results



Expected Results



Product appearance



Expected Results



prototype



感谢各位聆听！

Thanks for listening