ringX

Product Design for Innovation

DESIGN

REPORT BOOK

RING

PDI GROUP4

GO

Members

1626 Fier Liu
1603 Nick Lee
1603 Hantao Li
1615 Shuyang Wang
1630 Neo
1613 Ted Geng
Visiting Nacho

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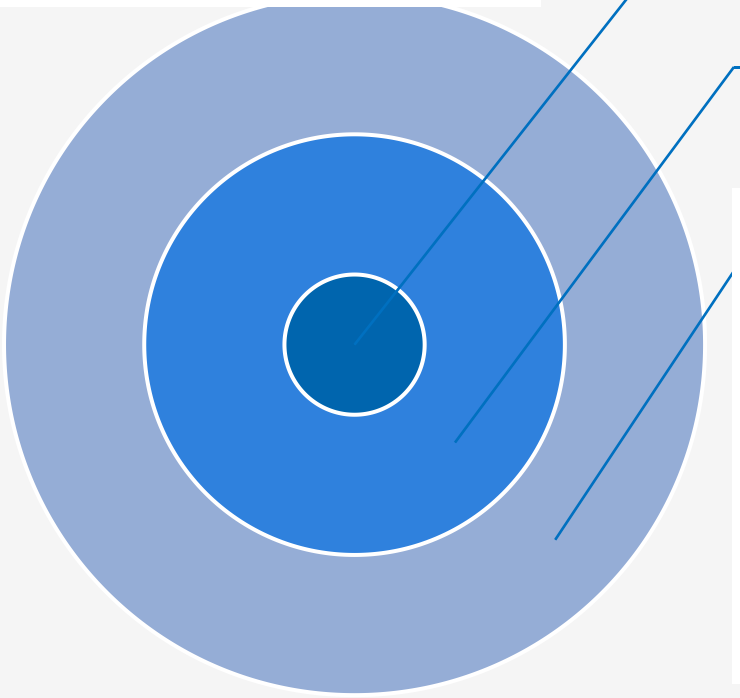
01

PART ONE

选题背景

Background of Product

Pain points 1： inconvenient mouse



heavy

Difficult
to use

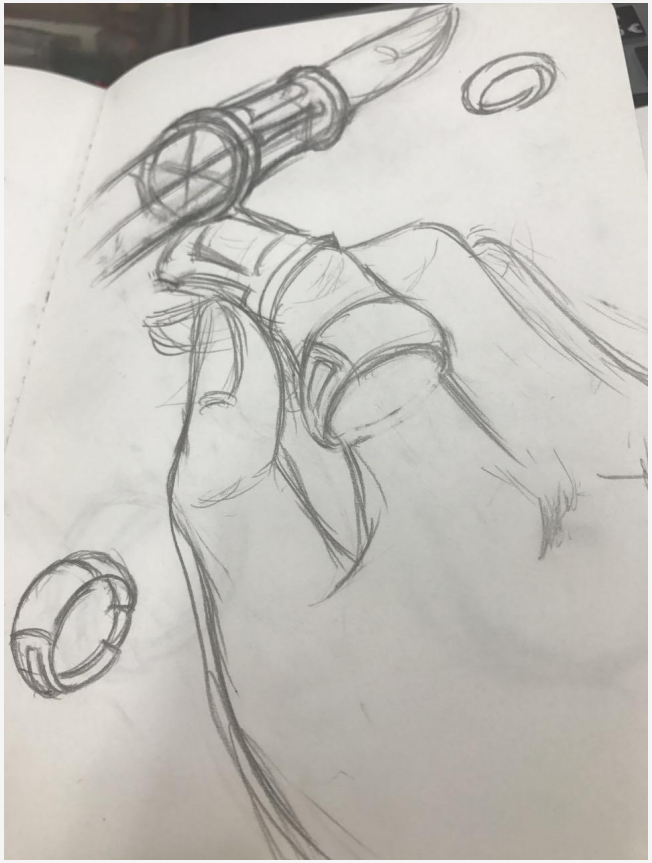
02

PART THREE

前期设想

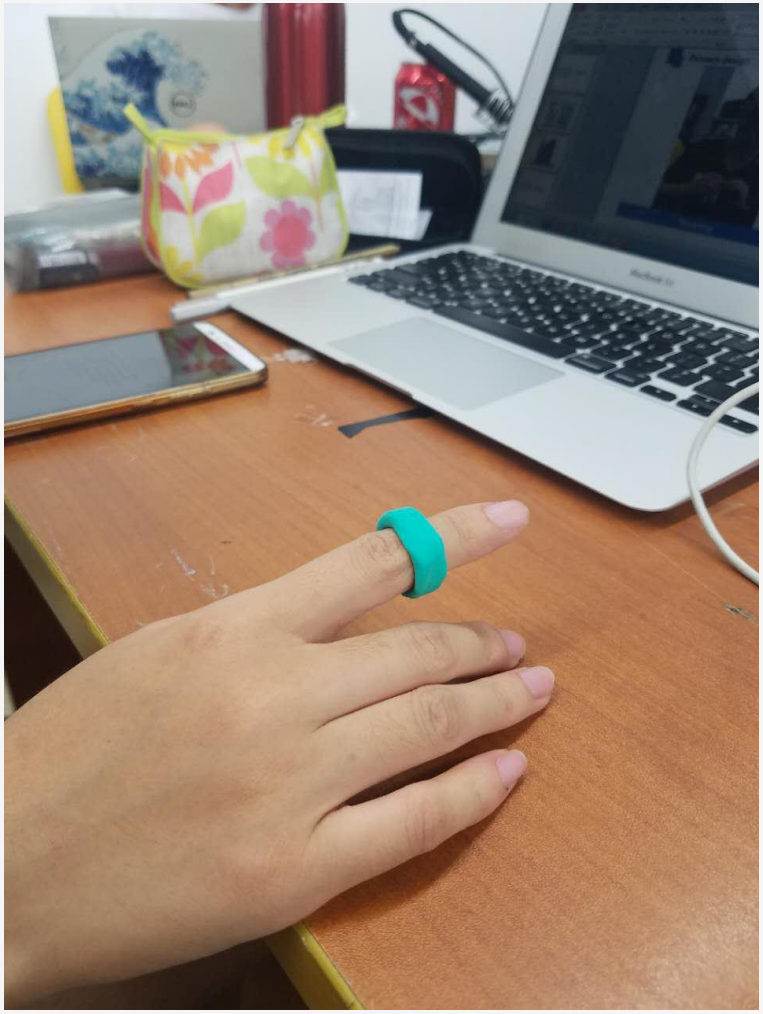
Primary Design

Primary design



Primary design paper

Primary design



Modeling

02

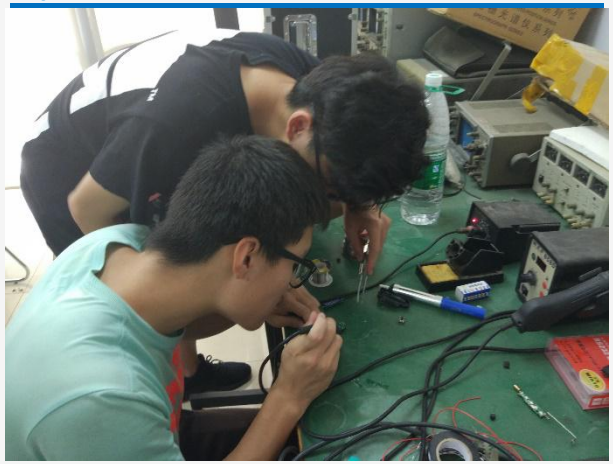
PART TWO

实际设计和制作

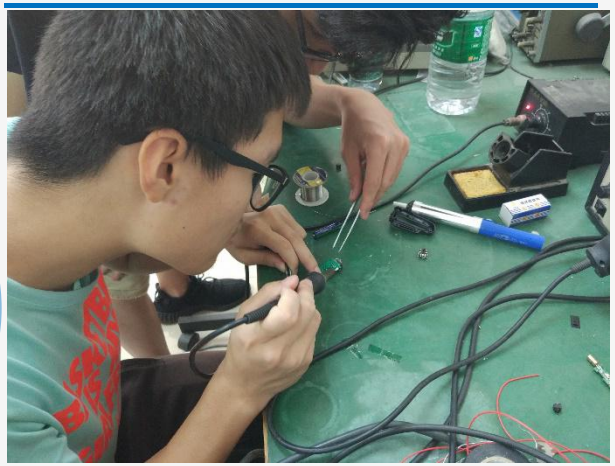
Design and Producing

operation

cut the click button and sensor off the PCB



Rebuild the electrocircuit



Just Do It

Reduce the volume

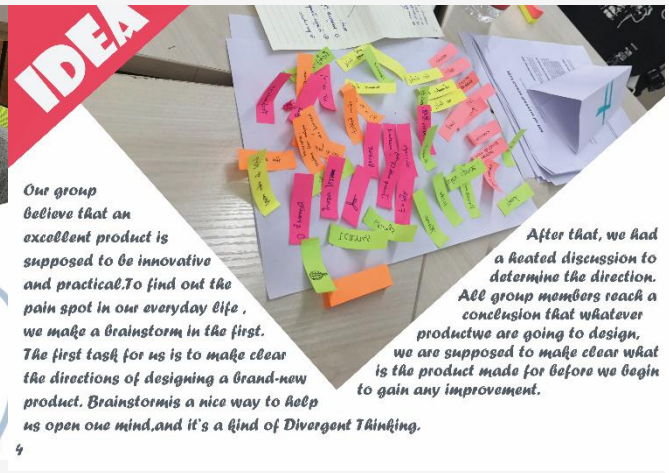
Design and producing

Semi-finished product

Design and producing

We are group4, 7 of us are from different major included transportation science, astronautics, automation science, art and environment. There is also a visiting student from Spain in our team. And RingX, our product, is a wearable device.

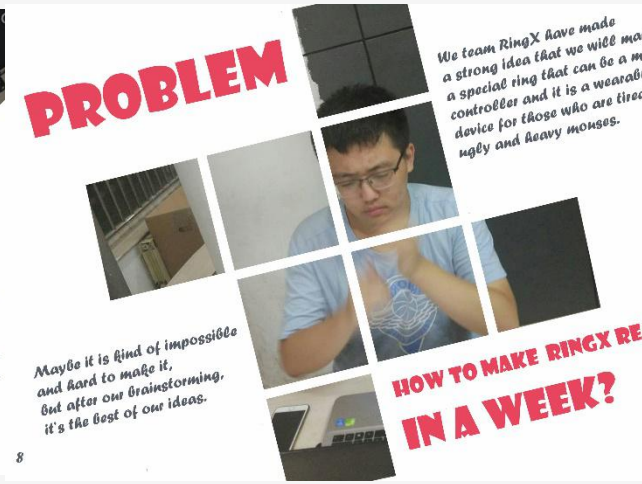
3



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. Brainstormis a nice way to help us open one 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 productwe are going to design, we are supposed to make clear what is the product made for before we begin to gain any improvement.

4



8

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.

16

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