

# **TECHNICAL PRODUCT DEVELOPMENT**

## **FILE FOR PPI PROJECT**

**SELECTED BRAND: PYER MOSS**

**THEME: JUNZI**

**FASHION DESIGN AND DEVELOPMENT**

**GROUP B**

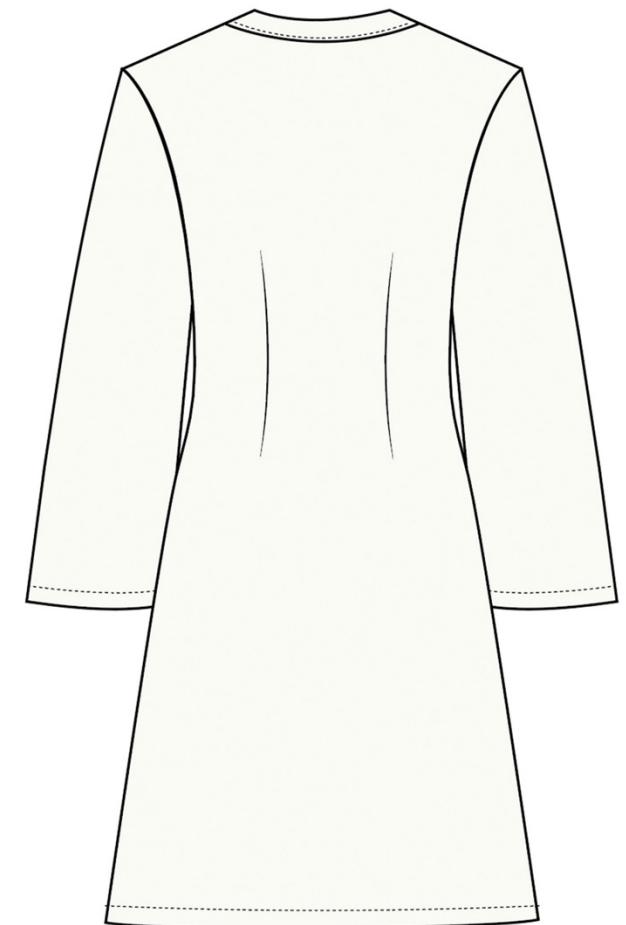
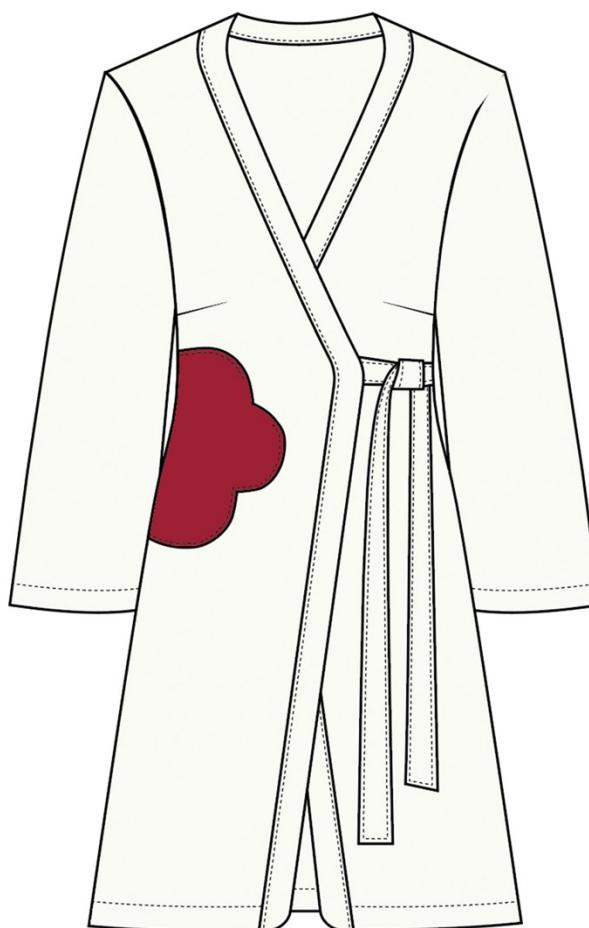
**WENFANG LIAO**



# LOOK 1

COLLECTION: JUNZI

STYLE NO.: PMJZ001



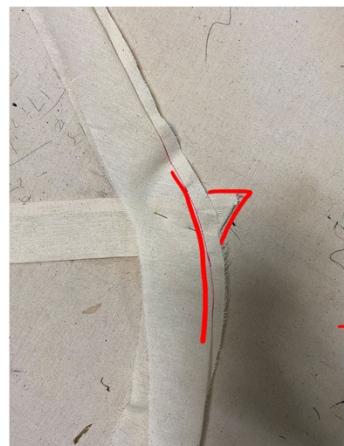
# LOOK 1 PATTERN DEVELOPMENT



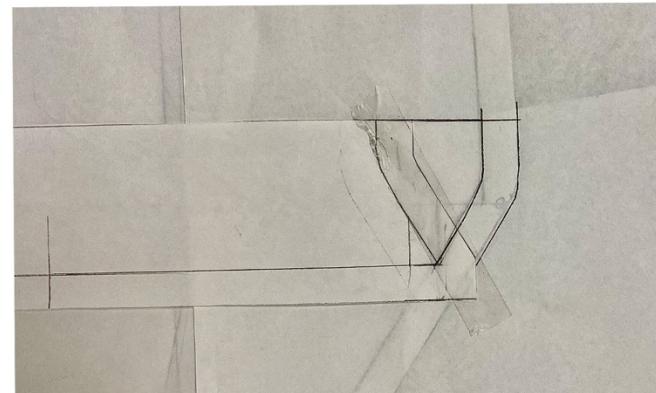
Toile for LOOK 1



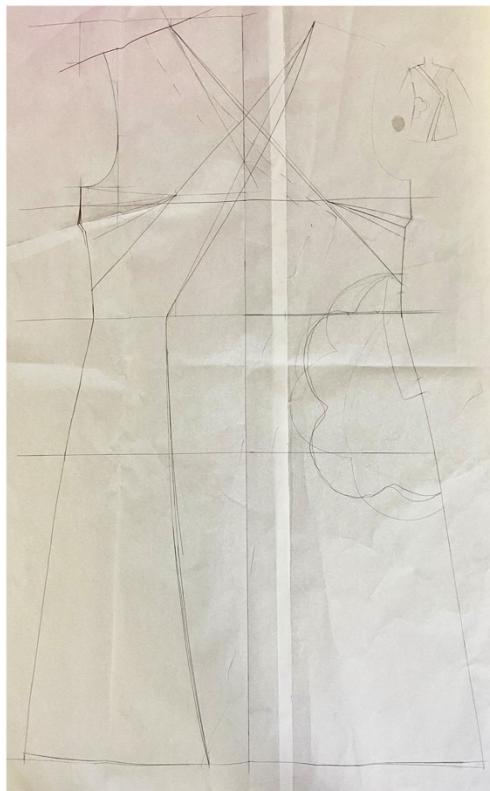
The toile make with the pattern fit the body well, but when I make the pattern, I did not consider the hoodie that wear under it need bigger armhole. So I change the armhole in the sleeve patterns as well as the front and back pattern.



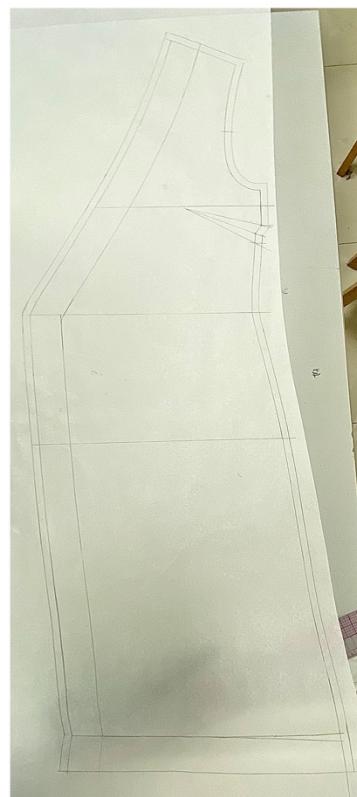
When I make the toile, I found the waistband does not match the facing, as there is a curve in the facing, so I change the shape of the waistband which allow it to fit the facing better.



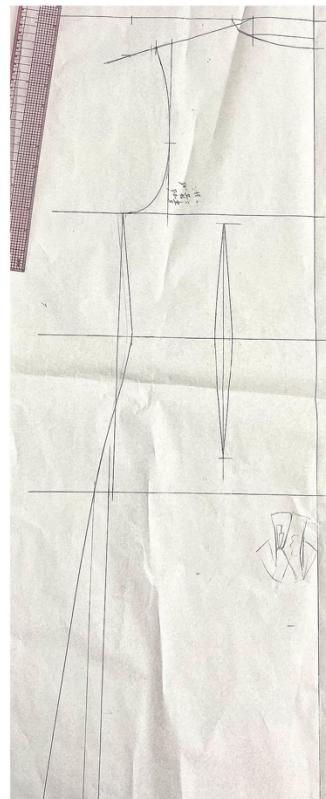
# LOOK 1 PATTERN DEVELOPMENT



Draw the right side basic front block first. Then extend to A-Shape, and copy it to the left to form a whole front piece. Then, draw the front opening and patched pocket. Draw the burst dart.

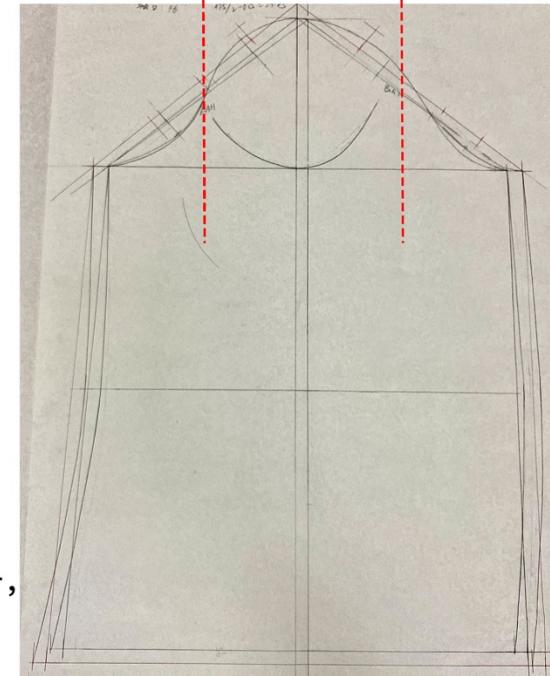


copy the left side out, and draw the 4cm facing.  
Add hem and seam allowance for cutting.

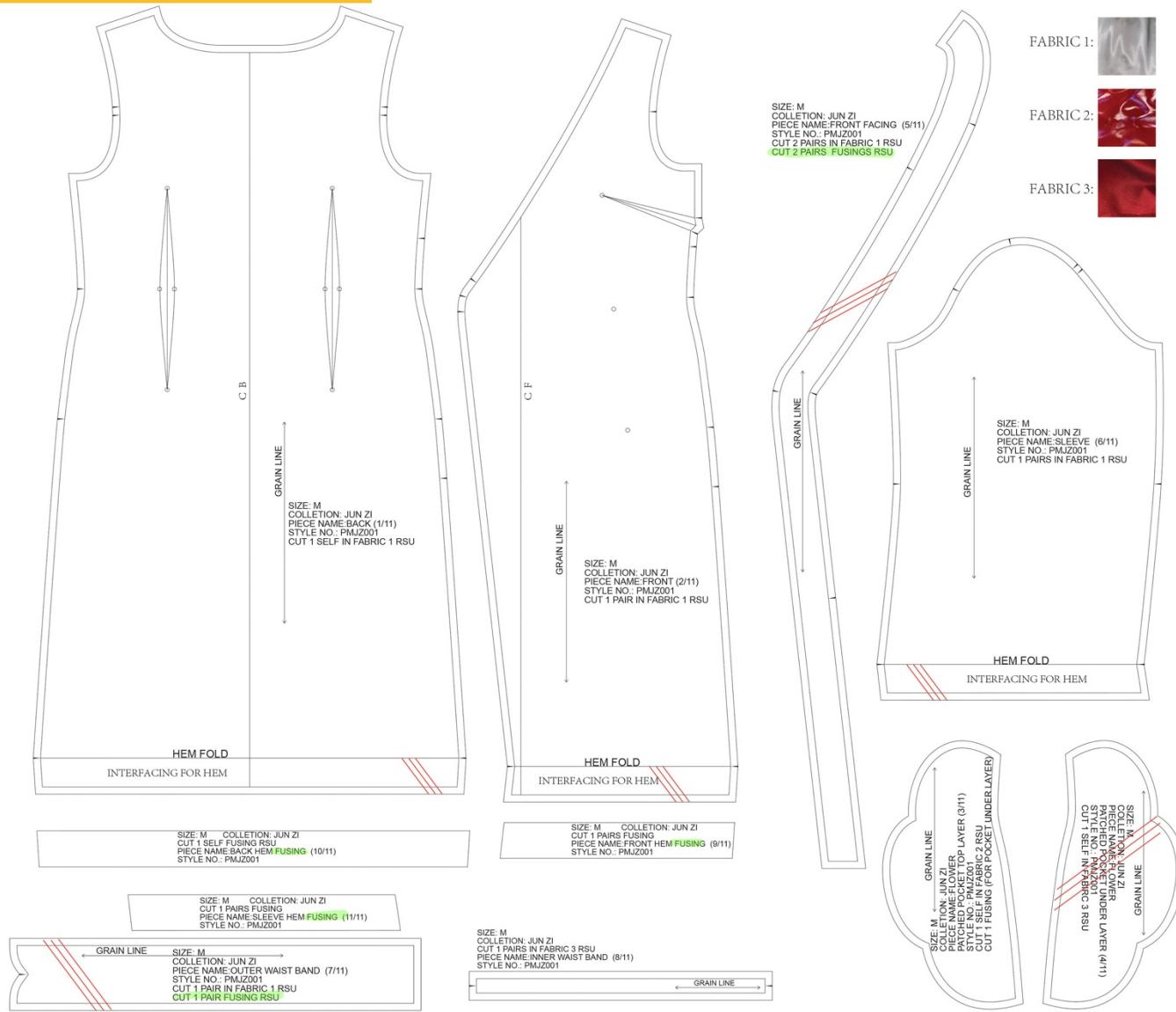
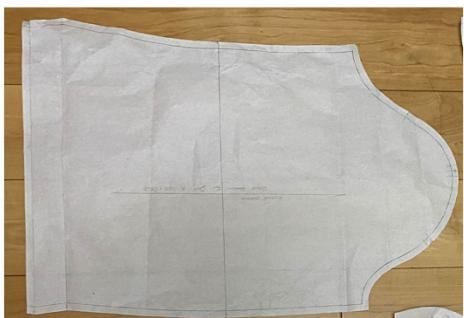


Draw the back piece of the look 1, as it is a outerwear, I extend the neck wider, and I add 2cm waist dart.

Draw the 1 piece sleeve, and then fold along the red line.  
copy the outer curve lines to centre, then draw it to a better curve and the copy back to the side.  
The sleeves are did in this way will have better shape in the armhole.



# LOOK 1 PATTERN DEVELOPMENT

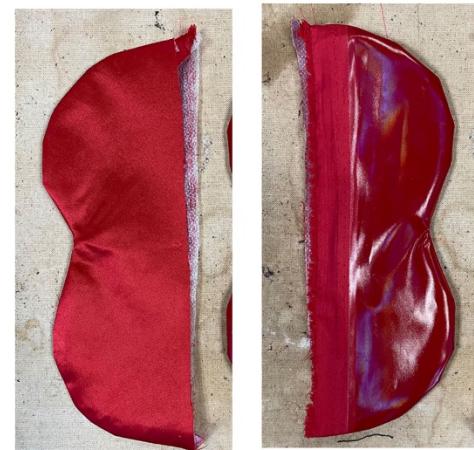


Final pattern for LOOK 1

# LOOK 1 SAMPLE DEVELOPMENT



Sample 1 : suing satin fabrics for both sides of the patched pocket.  
As satin fabrics is soft and thin, so I put fusings on both sides.



Sample 2 : suing satin fabric for inside of the patched pocket.  
And use pvc fabric for the outside of the patched pocket.  
As satin fabrics is soft and thin, so I put fusings on inside piece.

Result: Aftrer comparing, I use sample 2 method for the patched pocket.  
As using PVC fabric for outside, give better appearance of the pocket.



Fabirc samples for the coat.

I choose this for the final fabric for the coat, as comparing to the others, its surface is shine enough and the color of the fabric is exactly what I look for. Also, the fabric drape and the thickness is perfectly used as fabric for the coat that can flow with the body.



Fabric samples for the patched pocket.

I choose this as the outside/ surface of the pocket, as its surface is shine and durable. Also, as it has a PVC coating it gives stronger contrast with the white fabric.



I choose this as the inside of the pocket, as it is soft and comfortable for wearer when they use the pocket.

# LOOK 1 SAMPLE DEVELOPMENT



**Seams sample 1:** Rough edge seams, this just running stitches for the seams, but as the edges of the fabrics will fray.



**Facing finish sample 1:**  
For sample 1, I just sew the facing to the coat, and sew it to the end. Then, I roll the hem to finish.

But by doing in this way the raw edge of facing still shows.



**Seams sample 1:** French seams, by using french seams for the seams, it can stop the fabrics fray.  
As I do not have lining inside, using french seams make the inside looks much better.



**Facing finish sample 1:**  
For sample 2, I finish the hem of the coat first. Then, I sew the end of the facing right sides together, and turn the seams inside out. After that, I sew the Facing to the coat.

By doing in this way, all the seams and hem are invisible and neat.

# PHOTOS FOR LOOK 1



# PHOTOS FOR LOOK 1



# PHOTOS FOR LOOK 1



French seams



Waist darts



Burst darts

# PHOTOS FOR LOOK 1



Waist band



How waist band is  
attached to the side seam



How the facing  
and hem finish



Sleeve hem

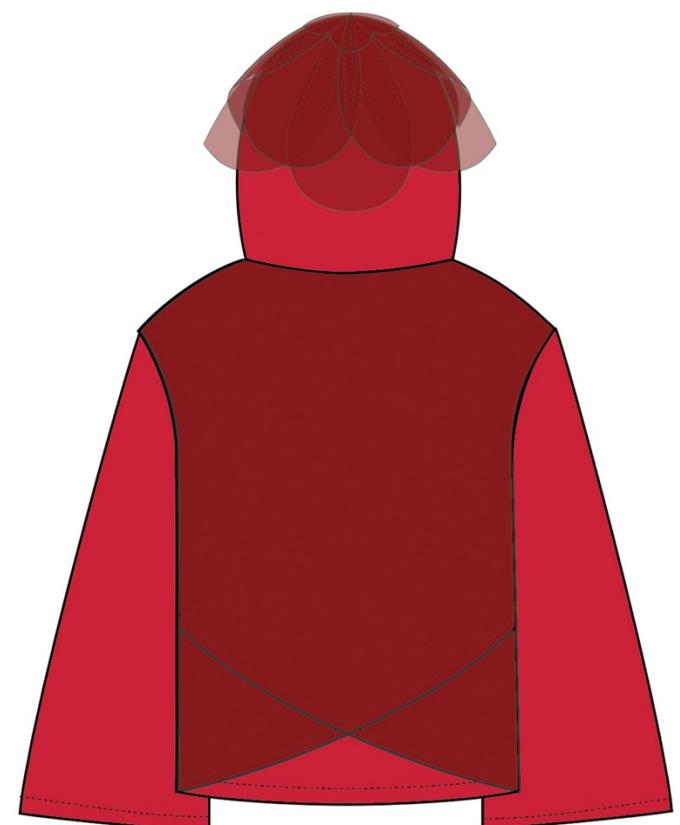
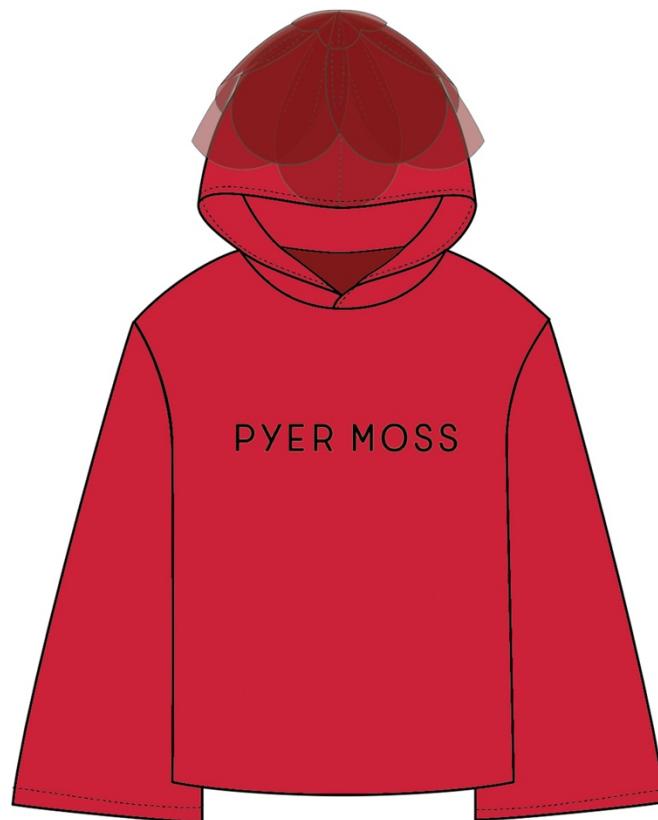


Facing

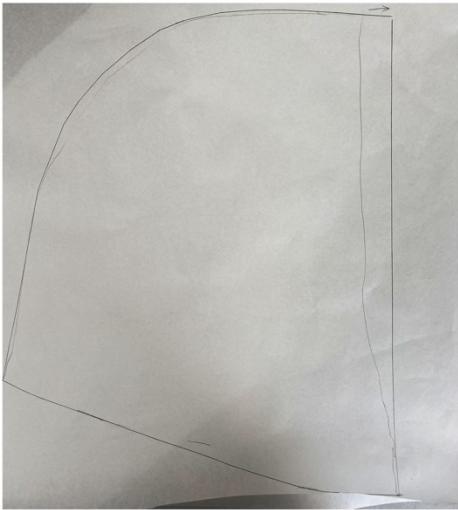
# LOOK 2

COLLECTION: JUNZI

STYLE NO.: PMJZ002

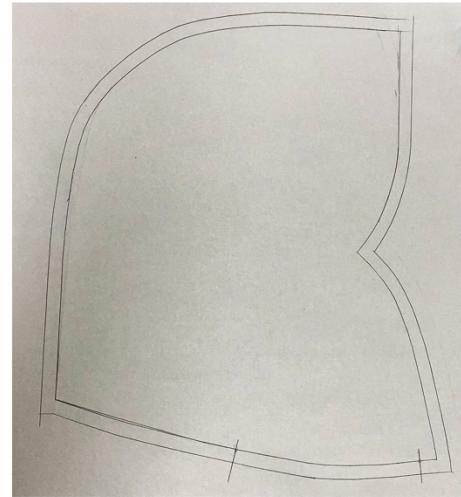


# LOOK 1 PATTERN DEVELOPMENT



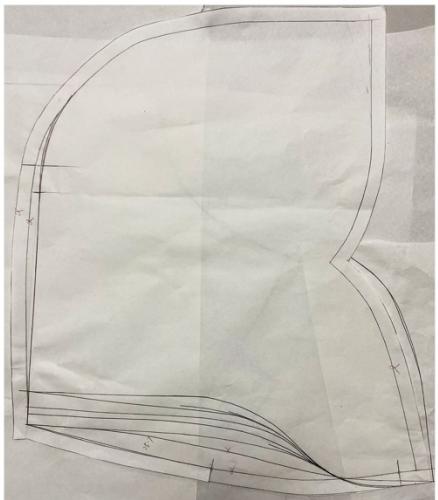
## Step 1:

Firtsly, I trace the hoodie I have around to draw the pattern.



## Step 2:

In my design the hood will have the petal shape, so I draw out the petal-shaped opening of the hood.



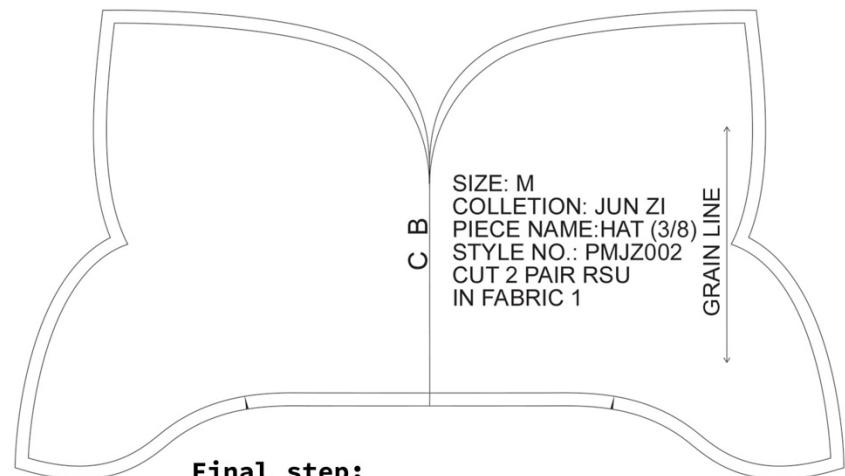
## Step 4:

In order to make the hood pattern better. I change the neck line , and I measure the neck for the top as well in order to make the hood and top can be match together.



## Step 3:

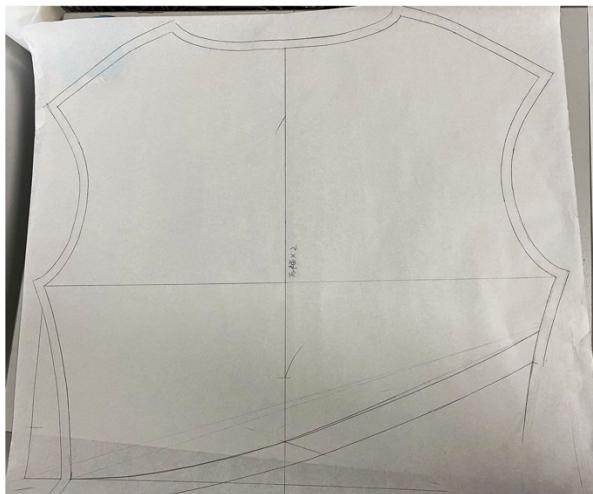
I make a toile by using the pattern in step 2, but the hood and the neck doesnot fit well, and it will pull the fabric up.



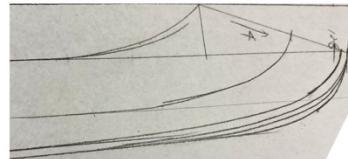
## Final step:

I make the full pattern out by referencing the pattern in step 4

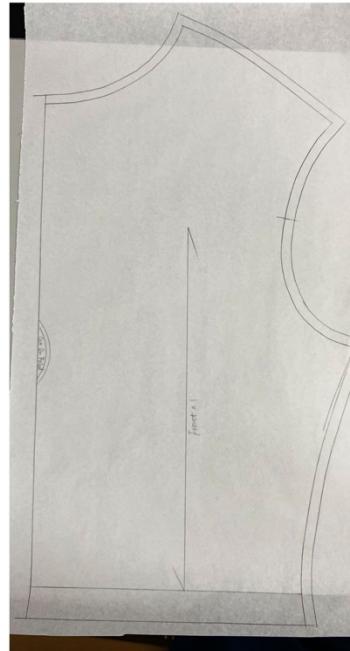
# LOOK 1 PATTERN DEVELOPMENT



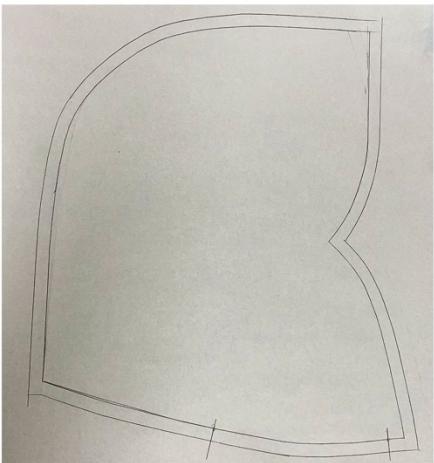
Back pattern for the hoodie. I make the shoulder point of the top further as the design is drop shoulder hoodie



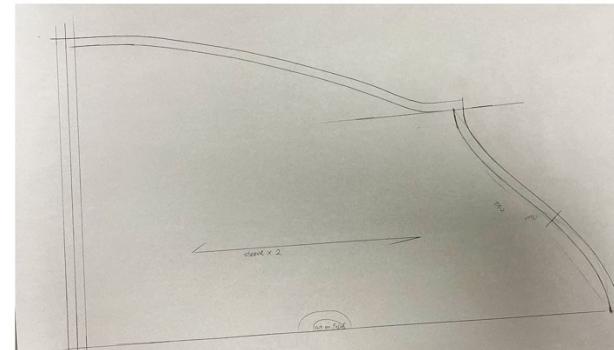
Also, I make the neck wider and deeper, as hoodie is a casual wear, and there is a hood attached to the neck.



Front pattern for the hoodie



Hood pattern



Sleeve pattern for the hoodie.  
As the need of the design,  
I enlarge the opening of the sleeve.

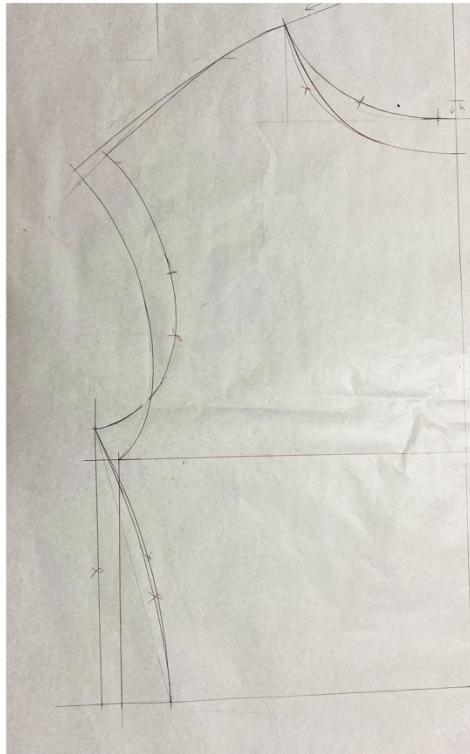


This is the toile that is made by this set of the pattern, there are 5 problems shows on the toile.

- Problem 1:** the front neck is too high
- Problem 2:** the sleeve and top are not connect smoothly.
- Problem 3:** there is extra fabric around the underarm.
- Problem 4:** the drawstrings on the hood will fall apart
- Problem 5:** the back hem is bit too low

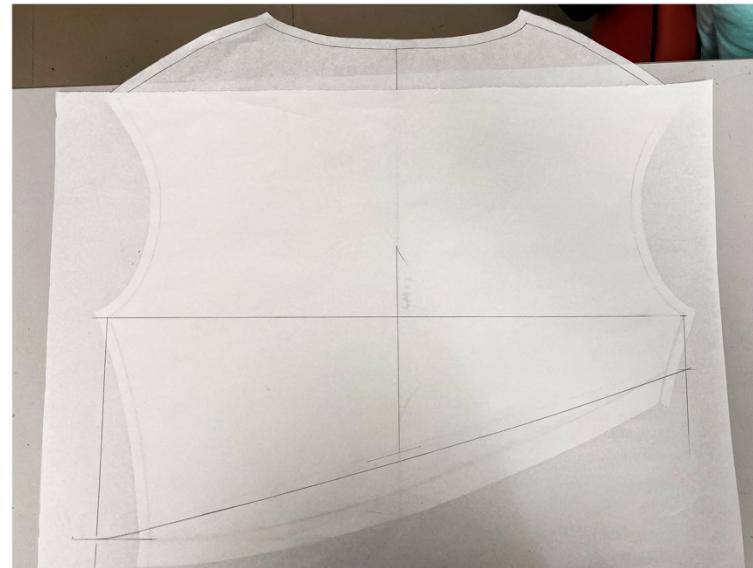


# LOOK 1 PATTERN DEVELOPMENT

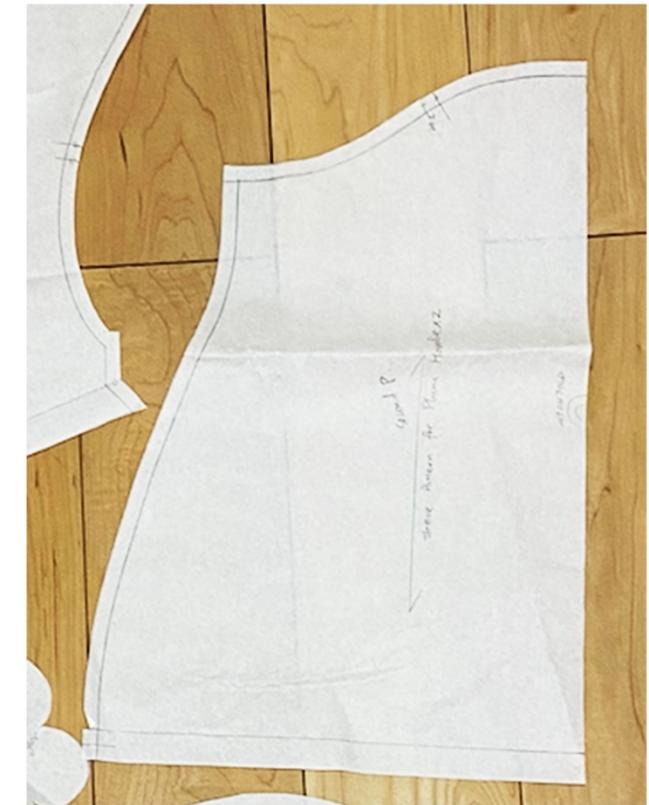


As the for the pattern I did before, there is extra fabric gathering around the armhole. And the shoulder is not smooth enough. So I straighten the side of top, and make the armhole more smooth.

Also, I lower the neck of the front pattern to fix the problem I mentioned before.

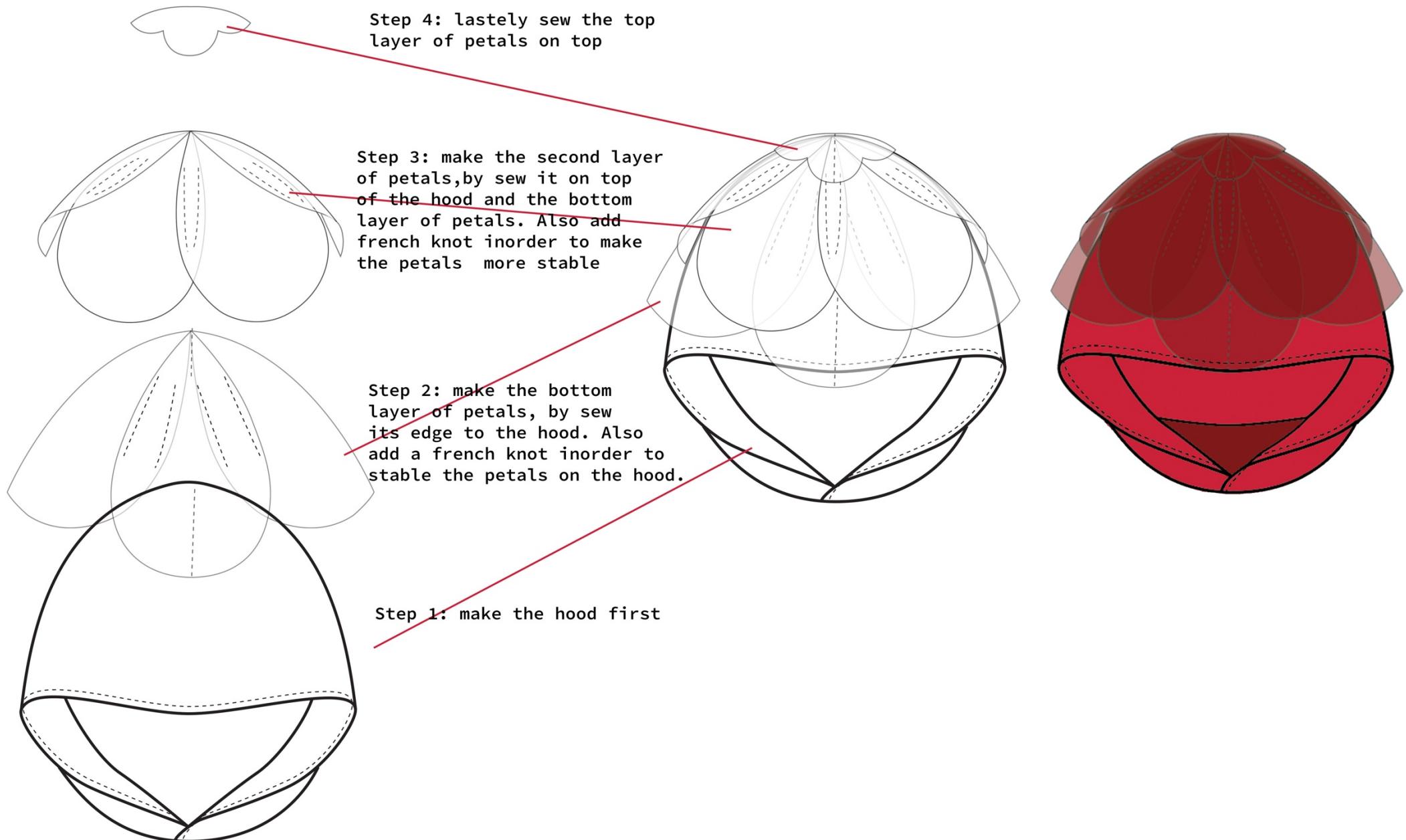


For the back pattern I also straighten the side of the top. Also, I make the cross hem higher.

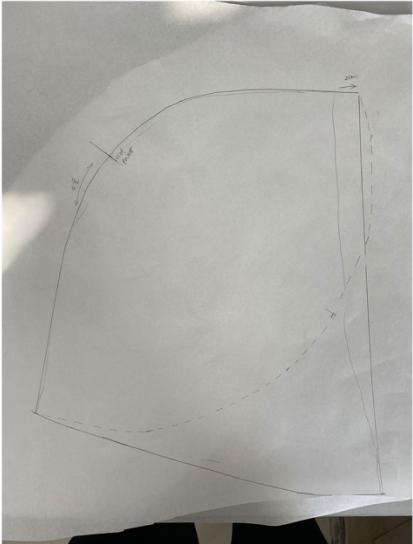


For the Sleeve.I smooth the arm hole of the pattern, In order to make the shoulder more smooth than the previous toile.

# LOOK 1: PETALS ON THE HOOD



# LOOK 1 BOTTOM PETALS' PATTERN DEVELOPMENT



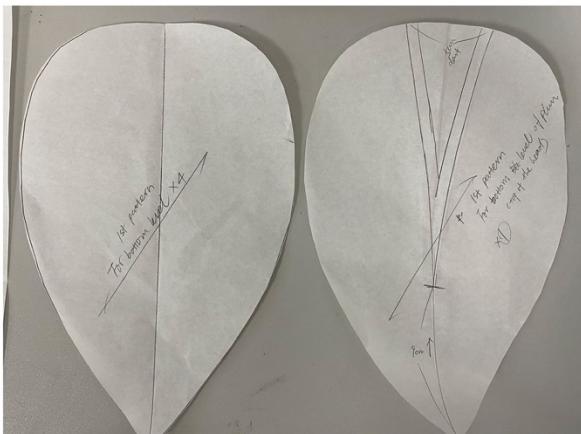
Firstly, in order to make the petals can cover the edge of the hood, I dived the outline of the hood to 2, and draw a circle to see where the petals will be cover if I use that as the length



However, the pattern for the petals are too straight and does not fit the head.



In order to make the petal pattern fit the head better, I make a dart on top of the head



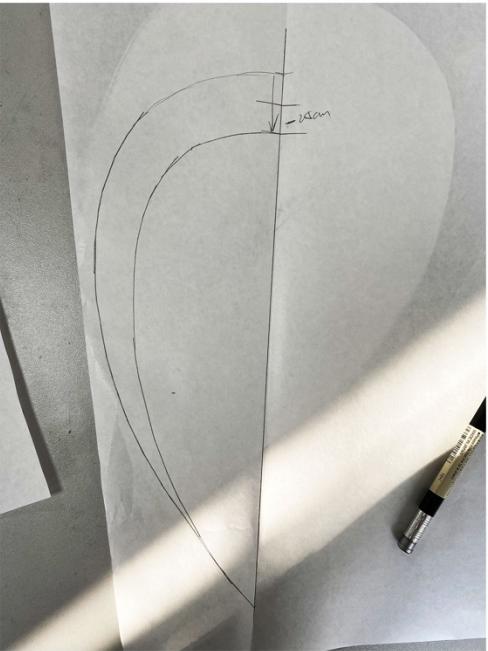
The left pattern is for the petals that is not on the top of head, as other parts of the head are not as curve as the top of head.

The right pattern is for the petal on the top of head, so I make a dart for it to fit the head better.

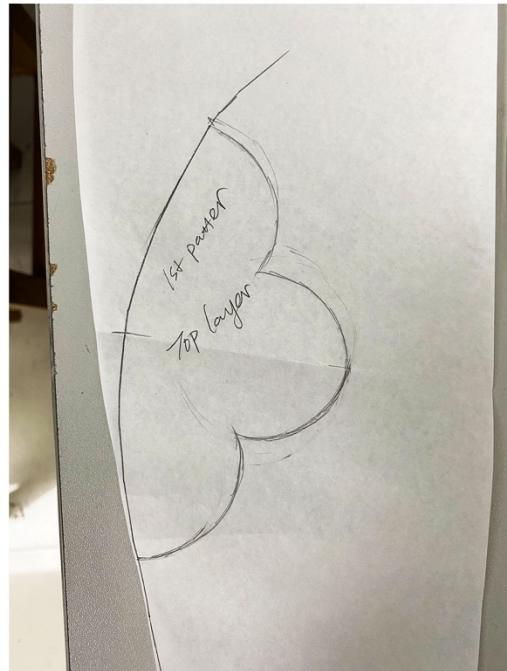


This is the effect of the bottom layers of petals on the head.

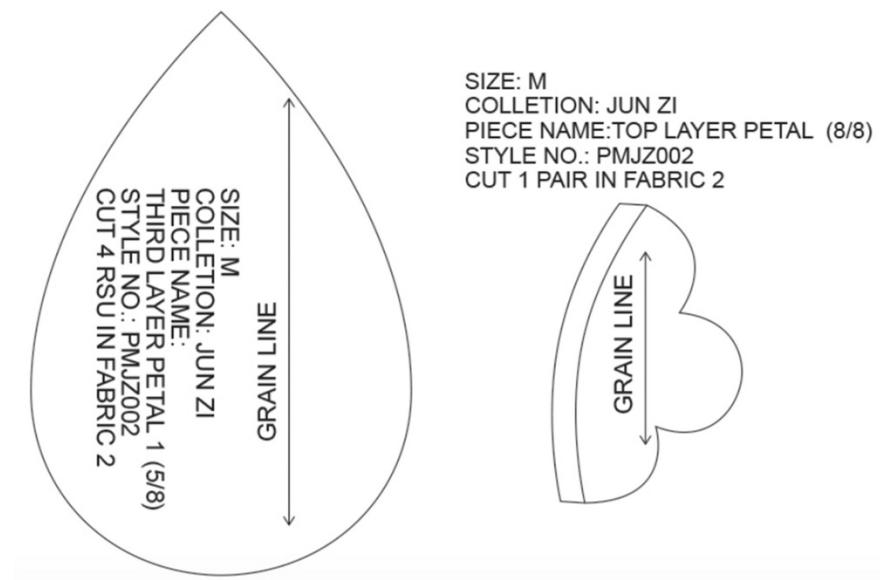
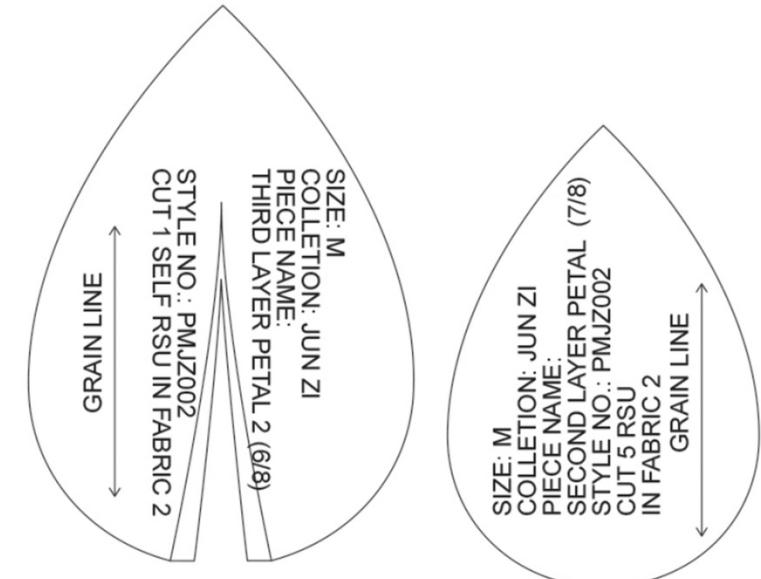
# LOOK 1 SECOND & TOP LAYER OF PETALS' PATTERN DEVELOPMENT



To make the second layer pattern. I make the bottom layer pattern smaller.

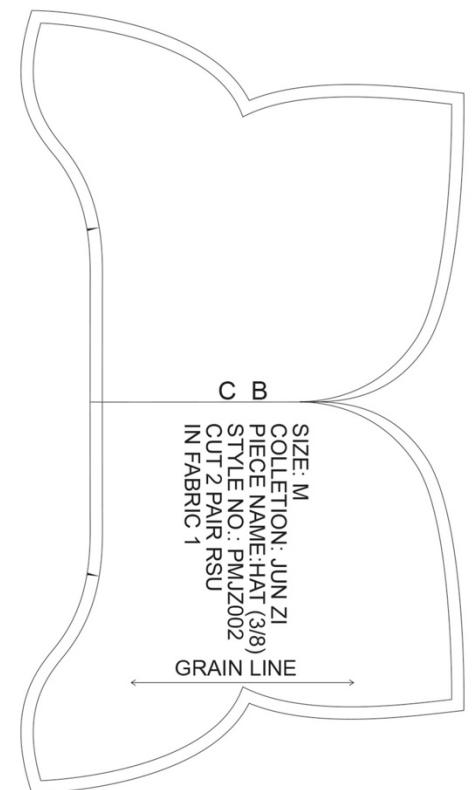
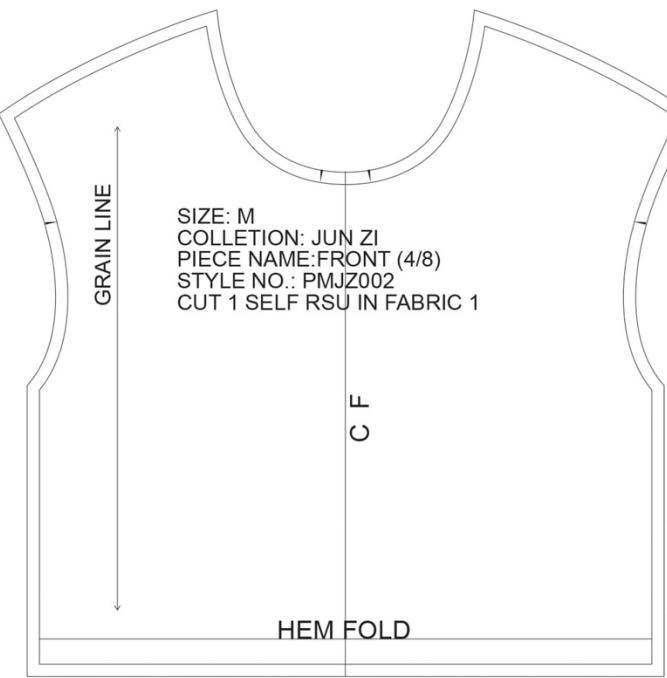
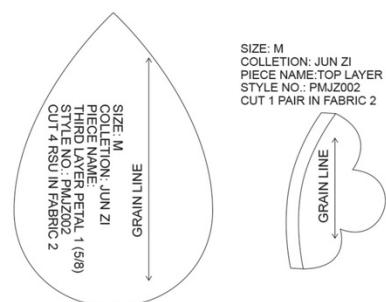
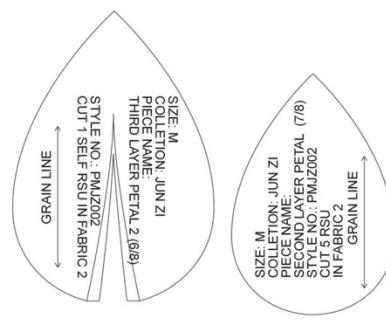
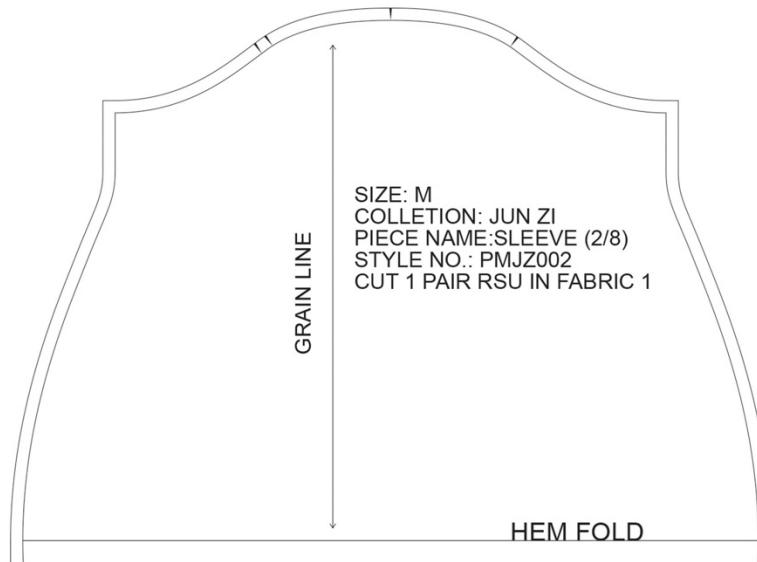
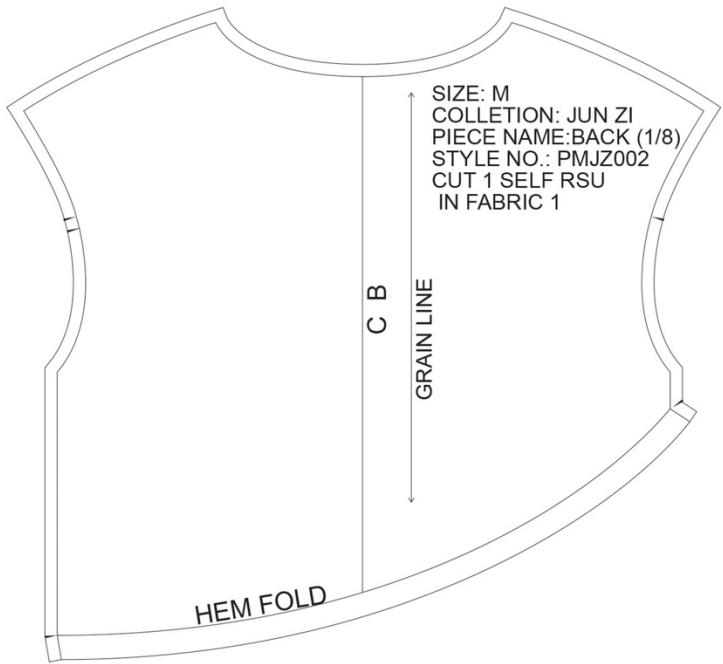


This is the pattern for the top layer. In order to make it fit the hood better. I trace the outline of the hood first. And the draw half of the plum flower around the outline of the hood.



Final patterns for the petals .

# LOOK 1 FINAL PATTERNS



## LOOK 2 SAMPLE DEVELOPMENT



**Sample 1:**  
for this sample I use organza fabric which is stiff and also it can be see through. Which is good for multi layers design.



**Fabric samples for petals:**  
For the petals on the hood, I want to used the similar color to the fabric for the hoodie. And I wish it can be thin, as there are several layers. And as the testing above I choose this fabric as the final result

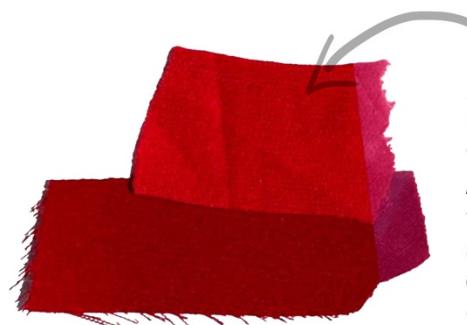


**Sample 2:**  
For this sample I use fabric with PVC coating. But it is too heavy. And it is to thick as well. Which is not suitable for the multi-layers design.



As I do not have lacer cutter, so I need to burn the edge of the fabric to prevent it from fraying. I did three samples. which are raw edge. slightly burn edge, and burn edge.

By comparing these three, I choose the slightly burn edge sample in the centre. As it can prevent the fabric from fraying as well as give a bit of curve to the fabrics. Which makes the petals-shaped fabrics look more realistic.



**Fabric samples for hoodie:**  
For the hoodie, I am look for a Fabric that is comfortable enough. Also, the thickness of the fabric need to be suitable for the hoodie as well as not to thick. As I have a big opening for the sleeve. And I want it can flow with the movement. In addition, the hood is double layers. So it cannot be too thick.

## LOOK 2 SAMPLE DEVELOPMENT



In the beginning, I just simply sewed the both sides of petals on top of the hood. But the petals will not stay and fall apart.



French knot



In order to make the petals stay more stable on top of the hood. I use french knot which helps the petals stay, and at the same time french knot is kind of invisible.

## PHOTOS FOR LOOK 2



Front of the hoodie.



Back of the hoodie with cross over organza fabric.

## PHOTOS FOR LOOK 2



Opening for the sleeve.  
overlock the hem  
and turn 2cm inside.



Hood: top stitched,  
and 3cm overlapping



Side seam



Hem fishish for the front.  
Overlock first, then turn  
2cm inside.



Hem finish for the back.  
simply burn the raw edge  
then tunr 2cm inside

## PHOTOS FOR LOOK 2



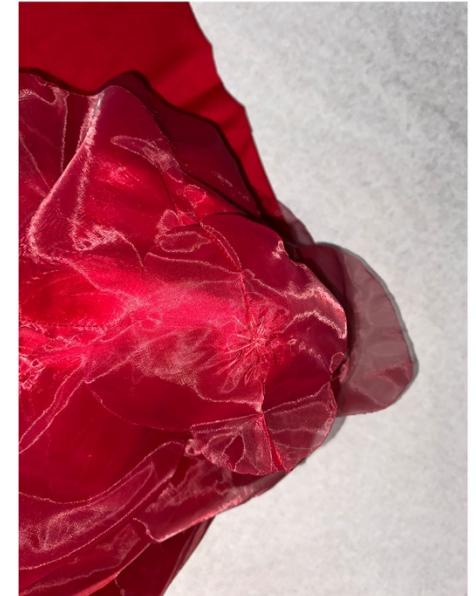
Hood with petals on top



French knot for  
stable the petals



Slightly burn edge  
of organza to prevent  
it from fraying

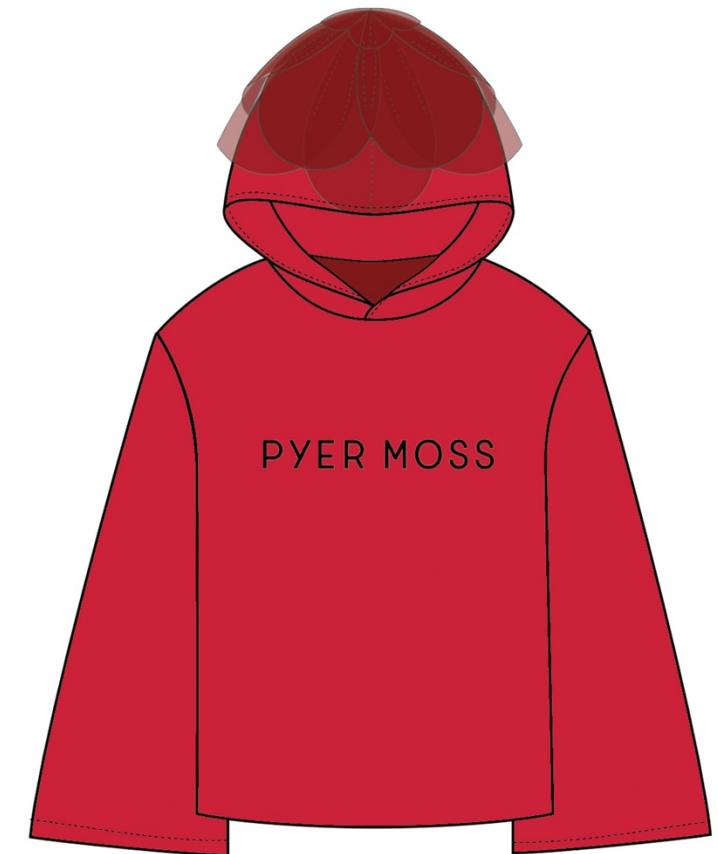


Hand stitched on top,  
flower-like stitches,  
to stable the top layer  
to the hood, also it  
can prevent the double  
layer hood will fall apart  
after washing

# STATEMENT OF INTENT



As I cannot access to a lacer cutter, so I just simply burn the edge of the organza. But if I can use lacer cutter, I can just lacer cut the fabric.



Also, as I cannot access to the digital embroidery machine. So I didnot sew the pyer moss logo to the garment. But if I can access to the digital embroidery machine. I will defenetily do the logo by digital embroidery.